

# Appendix A

## MESSAGE TYPES AND ASSOCIATED APPLICATIONS

**TBMonitor:**

TBMonitor is responsible for all HotelTools' activities (reword) on the Network transceiver. TBMonitor performs the following activities:

- It provides a monitors all communications with the messaging system
- Monitors connectivity to the Internet and to the ASP
- Controls the backup/dialup connection to the ASP in the event of an Internet communication failure
- Provides a communication gateway and interface between the PMS system at the ASP and the guest service systems (GSS) at the property level.
- Provides the mechanism to remotely update software on the Network transceiver pushed from the ASP via the messaging system
- Monitors the onboard UPS, notifies the ASP of power interruptions, and performs a graceful shutdown of the Network transceiver in the event of a prolonged power outage

**Siteinfo.conf:**

The siteinfo.conf file controls the configuration of the Network transceiver's operating system including IP addressing, host names, dhcpd server configurations, caching DNS server configurations, and ASP server IP addressing information.

The current siteinfo.conf file looks like this:

```
#
# /etc/hoteltools/siteinfo.conf
# Generated Site Specific Network transceiver Configuration
#
SITEID=99999
SITENAME="TESTBED NETWORK TRANSCEIVER FOR LAB TESTING ONLY"
TBHARDWAREVERSION=1.0
BUILDDATE="2001-03-16 03:31:09-05"
ZONE="EST5EDT"
ETHOASSIGN=S
ETHOIP=216.207.100.2
ETHOMASK=255.255.255.0
ETHOGW=216.207.100.1
ETHLIP=10.10.10.1
ETHIMASK=255.255.255.224
DHCPSTART=10.10.10.11
DHCPSTOP=10.10.10.15
PARPSTART=
PARPSTOP=
PROTOBOX=10.10.10.5
GATEWAYNET=216.35.165.112/28
EXTDNSIP1=216.35.165.118
EXTDNSIP2=216.35.165.119
NTFIP1=216.35.165.118
NTFIP2=216.35.165.119
MSGIP=216.35.165.116
SMQPASS=hoteltoolsgotech69
MODEM0=
MODEM0USER=
MODEM0PASS=
MODEM1=
MODEM1USER=
MODEM1PASS=
MODEM2=
MODEM2USER=
```

```

MODEM2PASS=
MODEM3=4044
MODEM3USER=tools
MODEM3PASS=gotech00
REBOOTDAY=11
REBOOTHOUR=4
REBOOTMINUTE=20

```

## Firewall.sh:

The firewall.sh file controls the setup of the Network transceiver's firewall rules. The script sources or uses siteinfo.conf as an input.

The current firewall.sh file looks like this:

```

#!/bin/sh

#
# Script File Name:                /etc/hoteltools/firewall.sh
# Script part of:                  generic-network transceiver RPM
# Config File Version:            2
# Release:                        0.0.0
#
# Script last modified on:         September 8, 2000
# Script last modified by:        Kent Churchill
#
# Purpose:                        This script sets up firewalling for
#                                use in the normal scenario, when
#                                connectivity is via the Ethernet 0
#                                interface.
#
#                                Note: /etc/rc.d/init.d/ipchains
#                                initially has the firewall turned off
#                                until we set it up here!
#
#####
# Define some script variables
#####
# Path to ipchains executable
IPCHAINS="/sbin/ipchains"

# Names of Ethernet addresses to improve readability
EXT_INTERFACE="eth0"
INT_INTERFACE="eth1"

# Hotel LAN network (derived from siteinfo.conf)
TNBNET "<ETHINET> /<ETHIMASK>"

#####
# Flush all rules
#####
$I$PCHAINS -F input
$I$PCHAINS -F output
$I$PCHAINS -F forward

#####
# Set policies
#####
# refuse all input and output packets
$I$PCHAINS -P input DENY
$I$PCHAINS -P output DENY

# but permit forward
$I$PCHAINS -P forward ACCEPT

#####
# Input/Output Rules
#####

# accept all incoming loopback traffic
$I$PCHAINS -A input -i lo -j ACCEPT

# and permit traffic going out the loopback interface
$I$PCHAINS -A output -i lo -j ACCEPT

```

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The HotelTools ASP network transceiver integration software contains the following pieces of functionality:

- Message distribution. When the HotelTools PMS software needs to send a message (such as check-in or check-out), the integration software distributes the message to the correct network transceiver based on a site identifier.
- The integration software will receive messages coming from the network transceivers and update the correct HotelTools database tables with the information contained in the message.
- The integration software responds to the network transceiver startup message to send initialization data (i.e. a list of hotel rooms for the property).

### List of Message Types:

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- class com.hoteltools.messages.**HTKeyCardType** (implements java.io.Serializable)
- class com.hoteltools.messages.**HTKeyLinkError** (implements java.io.Serializable)
- class com.hoteltools.messages.**HTLanguageType** (implements java.io.Serializable)
- class com.hoteltools.messages.**HTMessage** (implements java.io.Serializable)
  - class com.hoteltools.messages.**HTDevMessage**
    - class com.hoteltools.messages.**HTDevConnected**
    - class com.hoteltools.messages.**HTDevDisconnected**
  - class com.hoteltools.messages.**HTFmMessage**
    - class com.hoteltools.messages.**HTHeartbeat**
    - class com.hoteltools.messages.**HTLostConnectivity**
    - class com.hoteltools.messages.**HTPowerLost**
    - class com.hoteltools.messages.**HTPowerRestored**
    - class com.hoteltools.messages.**HTPrimaryRestored**
    - class com.hoteltools.messages.**HTSecondaryActivated**
    - class com.hoteltools.messages.**HTShuttingDown**
    - class com.hoteltools.messages.**HTSystemHalt**
    - class com.hoteltools.messages.**HTSystemStart**
  - class com.hoteltools.messages.**HTPmsMessage**
    - class com.hoteltools.messages.**HTCallPost**
    - class com.hoteltools.messages.**HTCheckIn**
    - class com.hoteltools.messages.**HTCheckOut**
    - class com.hoteltools.messages.**HTCopyMailbox**
    - class com.hoteltools.messages.**HTCreditLimit**
    - class com.hoteltools.messages.**HTDoNotDisturb**
    - class com.hoteltools.messages.**HTError**
    - class com.hoteltools.messages.**HTExpressCheckOut**
    - class com.hoteltools.messages.**HTFolioHeaderList**

- o class com.hoteltools.messages.[HTFolioRecordList](#)
- o class com.hoteltools.messages.[HTGuestMove](#)
- o class com.hoteltools.messages.[HTGuestSwap](#)
- o class com.hoteltools.messages.[HTKeyCardCreate](#)
- o class com.hoteltools.messages.[HTKeyLink](#)
- o class com.hoteltools.messages.[HTNoop](#)
- o class com.hoteltools.messages.[HTPosPost](#)
- o class com.hoteltools.messages.[HTPost](#)
- o class com.hoteltools.messages.[HTRequestCheckIn](#)
- o class com.hoteltools.messages.[HTRequestExpressCheckOut](#)
- o class com.hoteltools.messages.[HTRequestFolioHeaders](#)
- o class com.hoteltools.messages.[HTRequestFolioRecords](#)
- o class com.hoteltools.messages.[HTRequestKeyCardCreate](#)
- o class com.hoteltools.messages.[HTRequestKeyLink](#)
- o class com.hoteltools.messages.[HTRequestPosPost](#)
- o class com.hoteltools.messages.[HTRequestRoomList](#)
- o class com.hoteltools.messages.[HTRequestRoomMsgCounts](#)
- o class com.hoteltools.messages.[HTRequestRoomMsgs](#)
- o class com.hoteltools.messages.[HTRequestRoomStatus](#)
- o class com.hoteltools.messages.[HTRestoreVoiceMail](#)
- o class com.hoteltools.messages.[HTRestrictPhone](#)
- o class com.hoteltools.messages.[HTRoomList](#)
- o class com.hoteltools.messages.[HTRoomMsgCounts](#)
- o class com.hoteltools.messages.[HTRoomMsgList](#)
- o class com.hoteltools.messages.[HTRoomMsgStatus](#)
- o class com.hoteltools.messages.[HTRoomStatus](#)
- o class com.hoteltools.messages.[HTRoomStatusChange](#)
- o class com.hoteltools.messages.[HTRuMessage](#)
- o class com.hoteltools.messages.[HTRpmFile](#)

- o class com.hoteltools.messages.**HTRpMUpdate**
- o class com.hoteltools.messages.**HTPhoneAuthType** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPmsEventHandler**
- o class com.hoteltools.messages.**HTPosCategoryType** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPosCharge** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPosChargeType** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPosCheck** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPosLineItem** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPosPostError** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTPosTerminalId** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoom** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoomId** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoomMsg** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoomMsgCaller** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoomMsgType** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoomStatusType** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTRoomType** (implements java.io.Serializable)
- o class com.hoteltools.messages.**HTZipCode** (implements java.io.Serializable)
- o class java.lang.Throwable (implements java.io.Serializable)
  - o class java.lang.Exception
    - o class com.hoteltools.messages.**HTPmsEventHandler.UnknownEventException**



java.lang.String	<u>getName</u> ()
java.lang.String	<u>getPassword</u> ()
HTPhoneAuthType	<u>getPhoneAuthType</u> ()
HTCurrency	<u>getRate</u> ()
boolean	<u>isAllowPost</u> ()
void	<u>setAllowPost</u> (boolean newAllowPost)
void	<u>setCreditLimit</u> (HTCurrency newCreditLimit)
void	<u>setName</u> (java.lang.String newName)
void	<u>setPassword</u> (java.lang.String newPassword)
void	<u>setPhoneAuthType</u> (HTPhoneAuthType newPhoneAuthType)
void	<u>setRate</u> (HTCurrency newRate)

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

##### (A) name

private java.lang.String **name**  
The account number (or name).

##### (B) password

private java.lang.String **password**  
Password for guest account.

##### (C) rate

private HTCurrency **rate**  
Room rate.

##### (D) phoneAuthType



private HTPhoneAuthType **phoneAuthType**  
Phone call authorization.

---

(E) **creditLimit**

private HTCurrency **creditLimit**  
Credit limit for one-way posting devices.

---

(F) **allowPost**

private boolean **allowPost**  
True = allow simple posting for guest.

#### **Constructor Detail**

(G) **HTAccount**

public **HTAccount()**  
Default constructor

#### **Method Detail**

(H) **getCreditLimit**

public HTCurrency **getCreditLimit()**  
**Returns:**  
com.hoteltools.messages.HTCurrency

---

(I) **getName**

public java.lang.String **getName()**  
**Returns:**  
java.lang.String

---

(J) **getPassword**

public java.lang.String **getPassword()**  
**Returns:**  
java.lang.String

---

(K) **getPhoneAuthType**

public HTPhoneAuthType **getPhoneAuthType()**  
**Returns:**  
com.hoteltools.messages.HTPhoneAuthType

---

(L) **getRate**



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**[com.hotelttools.messages](#)**

**[Class HTAccountId](#)**

```
java.lang.Object
|
+-com.hotelttools.messages.HTAccountId
```

---

```
public class HTAccountId
extends java.lang.Object
implements java.io.Serializable
```

An HTAccountId uniquely identifies a guest account to all hotel devices.

**See Also:**

[Serialized Form](#)

---

**Field Summary**

	private	<a href="#">accountName</a>	
java.lang.String			The account number of the guest.
	private	<a href="#">guestName</a>	
java.lang.String			The name of the guest.
	private	<a href="#">roomName</a>	
java.lang.String			The room number (or name).

**Constructor Summary**

<a href="#">HTAccountId()</a>		
-------------------------------	--	--

**Method Summary**

java.lang.String	<a href="#">getAccountName()</a>
------------------	----------------------------------

java.lang.String	<u>getGuestName</u> ()
java.lang.String	<u>getRoomName</u> ()
void	<u>setAccountName</u> (java.lang.String newAccountName)
void	<u>setGuestName</u> (java.lang.String newGuestName)
void	<u>setRoomName</u> (java.lang.String newRoomName)

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) `guestName`

private java.lang.String `guestName`  
The name of the guest.

---

(B) `accountName`

private java.lang.String `accountName`  
The account number of the guest.

---

(C) `roomName`

private java.lang.String `roomName`  
The room number (or name).

### Constructor Detail

(D) `HTAccountId`

public `HTAccountId`()

### Method Detail

(E) `getAccountName`

public java.lang.String `getAccountName`()  
**Returns:**  
java.lang.String

---

(F) `getGuestName`

public java.lang.String **getGuestName**()

**Returns:**

java.lang.String

---

(G) **getRoomName**

public java.lang.String **getRoomName**()

**Returns:**

java.lang.String

---

(H) **setAccountName**

public void **setAccountName**(java.lang.String newAccountName)

**Parameters:**

newAccountName - java.lang.String

---

(I) **setGuestName**

public void **setGuestName**(java.lang.String newGuestName)

**Parameters:**

newGuestName - java.lang.String

---

(J) **setRoomName**

public void **setRoomName**(java.lang.String newRoomName)

**Parameters:**

newRoomName - java.lang.String

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---

Class HTCallType

```

java.lang.Object
|
|--com.hoteltools.messages.HTCallType

```

public final class **HTCallType**

extends java.lang.Object

implements java.io.Serializable

An HTCallType indicates the type of phone call.

**See Also:**

Serialized Form

**Field Summary**

static int	<u>CreditCard</u>	Credit card (value = 5, converted to UHLL 'C').
static int	<u>Information</u>	Information (value = 1, converted to UHLL 'T').
static int	<u>International</u>	International (value = 4, converted to UHLL 'F').
static int	<u>Local</u>	Local (value = 2, converted to UHLL 'L').
static int	<u>LongDistance</u>	Long distance (value = 3, converted to UHLL 'D').
static int	<u>Metered</u>	Metered (value = 6, converted to UHLL 'M').
static int	<u>Operator</u>	Operator assisted (value = 0, converted to UHLL 'O').
private int	<u>value</u>	The call type value (use one of the static int's above).

**Constructor Summary**

<u>HTCallType</u> ()	
----------------------	--

**Method Summary**

int	<u>getValue</u> ()	
void	<u>setValue</u> (int newValue)	

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait
---

## Field Detail

### (A) Operator

```
public static final int Operator
    Operator assisted (value = 0, converted to UHLL 'O').
```

---

### (B) Information

```
public static final int Information
    Information (value = 1, converted to UHLL 'I').
```

---

### (C) Local

```
public static final int Local
    Local (value = 2, converted to UHLL 'L').
```

---

### (D) LongDistance

```
public static final int LongDistance
    Long distance (value = 3, converted to UHLL 'D').
```

---

### (E) International

```
public static final int International
    International (value = 4, converted to UHLL 'I').
```

---

### (F) CreditCard

```
public static final int CreditCard
    Credit card (value = 5, converted to UHLL 'C').
```

---

### (G) Metered

```
public static final int Metered
    Metered (value = 6, converted to UHLL 'M').
```

---

### (H) value

```
private int value
    The call type value (use one of the static int's above).
```

## Constructor Detail

### (I) HTCallType











public int **getMessageCount**()

**Returns:**

int

---

(G) **isAllowPost**

public boolean **isAllowPost**()

**Returns:**

boolean

---

(H) **setAllowPost**

public void **setAllowPost**(boolean newAllowPost)

**Parameters:**

newAllowPost - boolean

---

(I) **setMessageCount**

public void **setMessageCount**(int newMessageCount)

**Parameters:**

newMessageCount - int

---

(J) **setGuestId**

public void **setGuestId**([HTGuestId](#) newGuestId)

**Parameters:**

newGuestId - com.hoteltools.messages.HTGuestId

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```
java.lang.Object
|
+-com.hoteltools.messages.HTFolioId
```

An HTFolioId uniquely identifies a guest folio to all hotel devices.

Serialized Form

Constructor Summary	
<u>HTFolioId()</u>	

Method Summary	
java.lang.String	<u>getAccountName</u> ()
short	<u>getPhone</u> ()
java.lang.String	<u>getRoomName</u> ()
void	<u>setAccountName</u> (java.lang.String newAccountName)
void	<u>setPhone</u> (short newPhone)
void	<u>setRoomName</u> (java.lang.String newRoomName)

**Methods inherited from class java.lang.Object**  
clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) accountName

```
private java.lang.String accountName
    The account number of the guest.
```

(B) roomName

```
private java.lang.String roomName
```

The room number (or name).

(C) phone

private short phone  
The room phone extension.

## Constructor Detail

(D) HTFoliold

```
public HTFolioId()
```

## Method Detail

(E) `getAccountName`

```
public java.lang.String getAccountName()
Returns:
java.lang.String
```

(F) getPhone

```
public short getPhone()
    Returns:
    short
```

(G) `getRoomName`

```
public java.lang.String getRoomName()
    Returns:
    java.lang.String
```

(H) `setAccountName`

```
public void setAccountName(java.lang.String newAccountName)
```

**Parameters:**  
newAccountName - java.lang.String

(I) `setPhone`

```
public void setPhone(short newPhone)
```

**Parameters:**

`newPhone` - short

---

(J) `setRoomName`

```
public void setRoomName(java.lang.String newRoomName)
```

**Parameters:**

`newRoomName` - java.lang.String

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**com.hoteltools.messages**

**Class HTFolioRecord**

```
java.lang.Object  
|  
+-com.hoteltools.messages.HTFolioRecord
```

---

```
public final class HTFolioRecord
```

```
extends java.lang.Object
```

```
implements java.io.Serializable
```

An HTFolioRecord contains a line-item for a folio.

**See Also:**

[Serialized Form](#)

---

**Field Summary**

private <u>HTCurrency</u>	<u>charge</u> Amount of charge.
private java.util.Date	<u>date</u> Date of posting.
private java.lang.String	<u>description</u> Description of the charge.

### Constructor Summary

HTFolioRecord()

### Method Summary

<u>HTCurrency</u>	<u>getCharge</u> ()
java.util.Date	<u>getDate</u> ()
java.lang.String	<u>getDescription</u> ()
void	<u>setCharge</u> ( <u>HTCurrency</u> newCharge)
void	<u>setDate</u> (java.util.Date newDate)
void	<u>setDescription</u> (java.lang.String newDescription)

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) charge

private HTCurrency charge  
Amount of charge.

(B) date

private java.util.Date date  
Date of posting.

(C) description

private java.lang.String description



Description of the charge.

#### Constructor Detail

(D) `HTFolioRecord`

```
public HTFolioRecord()
```

#### Method Detail

(E) `getCharge`

```
public HTCurrency getCharge()
```

**Returns:**

`com.hoteltools.messages.HTCurrency`

(F) `getDate`

```
public java.util.Date getDate()
```

**Returns:**

`java.util.Date`

(G) `getDescription`

```
public java.lang.String getDescription()
```

**Returns:**

`java.lang.String`

(H) `setCharge`

```
public void setCharge(HTCurrency newCharge)
```

**Parameters:**

newCharge - `com.hoteltools.messages.HTCurrency`

(I) `setDate`

```
public void setDate(java.util.Date newDate)
```

**Parameters:**

newDate - `java.util.Date`

(J) `setDescription`

```
public void setDescription(java.lang.String newDescription)
```

**Parameters:**

newDescription - `java.lang.String`

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## com.hoteltools.messages

### Class HTGuest

```

java.lang.Object
|
+-com.hoteltools.messages.HTGuest
    
```

public class **HTGuest**  
extends java.lang.Object  
implements java.io.Serializable

An HTGuest is the guest information used to check in a guest.

See Also:

[Serialized Form](#)

Field Summary	
private java.lang.String	<a href="#">company</a> Company guest works for.
private java.lang.String	<a href="#">id</a> Guest id (when more than one guest in the room).
private HTLanguageType	<a href="#">language</a> Guests primary language.
private java.lang.String	<a href="#">name</a> Guest full name.
private boolean	<a href="#">vip</a> Is this guest a VIP?
private HTZipCode	<a href="#">zip</a> Home zip code of guest.

## Constructor Summary

**HTGuest()**

Default constructor

## Method Summary

java.lang.String	<b>getCompany()</b>
java.lang.String	<b>getId()</b>
HTLanguageType	<b>getLanguage()</b>
java.lang.String	<b>getName()</b>
HTZipCode	<b>getZip()</b>
boolean	<b>isVip()</b>
void	<b>setCompany</b> (java.lang.String newCompany)
void	<b>setId</b> (java.lang.String newId)
void	<b>setLanguage</b> (HTLanguageType newLanguage)
void	<b>setName</b> (java.lang.String newName)
void	<b>setVip</b> (boolean newVip)
void	<b>setZip</b> (HTZipCode newZip)

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) name

private java.lang.String name  
Guest full name.

(B) id

private java.lang.String id  
Guest id (when more than one guest in the room). This field will be used by the Point of Sale system for multiple guests on the same room/folio.

---

(C) company

```
private java.lang.String company
    Company guest works for.
```

---

(D) zip

```
private HTZipCode zip
    Home zip code of guest.
```

---

(E) language

```
private HTLanguageType language
    Guests primary language.
```

---

(F) vip

```
private boolean vip
    Is this guest a VIP?
```

#### Constructor Detail

(G) HTGuest

```
public HTGuest()
    Default constructor
```

#### Method Detail

(H) getCompany

```
public java.lang.String getCompany()
```

**Returns:**  
java.lang.String

---

(I) getId

```
public java.lang.String getId()
```

**Returns:**  
java.lang.String

---

(J) getLanguage

```
public HTLanguageType getLanguage()
```

**Returns:**  
java.lang.String

---

“我愛我的家，因為它是我成長的地方。”

**Returns:**  
java.lang.String

```
public HTZipCode getZip()
```

**Returns:**  
com.hoteltools.messages.HTZipCode

```
public boolean isVip()
```

**Returns:**  
boolean

```
public void setCompany(java.lang.String newCompany)
```

**Parameters:**  
newCompany - java.lang.String

```
public void setId(java.lang.String newId)
```

**Parameters:**  
newId - java.lang.String

```
public void setLanguage(ETLanguageType newLanguage)
```

**Parameters:**  
newLanguage - com.hoteltools.messages.HTLanguageType

```
public void setName(java.lang.String newName)
```

**Parameters:**  
newName - java.lang.String

```
public void setVip(boolean newVip)
```

[illegible]

```
public void setZip(HTZipCode newZip)
```

<p><b>Class</b></p> <p><b><u>Tree</u></b></p> <p><b><u>Deprecated</u></b></p> <p><b><u>Index</u></b></p> <p><b><u>Help</u></b></p>				
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## Class HTGuestId

```
java.lang.Object
|
+-com.hoteltools.messages.HTGuestId
```

```
public class HTGuestId
extends java.lang.Object
implements java.io.Serializable
```

An HTGuestId uniquely identifies a guest to all hotel devices.

**See Also:**

### Serialized Form

Field Summary	
private java.lang.String	<u>accountName</u> The account number (or name).
private java.lang.String	<u>guestName</u> The name of the guest.

private short	<u>phone</u>	The room phone extension.
private java.lang.String	<u>roomName</u>	The room number (or name).

### Constructor Summary

HTGuestId()

### Method Summary

```
java.lang.String getAccountName()
java.lang.String getGuestName()
short getPhone()
java.lang.String getRoomName()
void setAccountName(java.lang.String newAccountName)
void setGuestName(java.lang.String newGuestName)
void setPhone(short newPhone)
void setRoomName(java.lang.String newRoomName)
```

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) guestName

```
private java.lang.String guestName
The name of the guest.
```

(B) accountName

```
private java.lang.String accountName
The account number (or name).
```

(C) roomName

```
private java.lang.String roomName
```

03030606 : 051201

private short phone

### Constructor Detail

```
public HTGuestId()
```

### Method Detail

(F) `getAccountName`

```
public java.lang.String getAccountName()
```

**Returns:**

java.lang.String

(G) `getGuestName`

```
public java.lang.String getGuestName()
```

**Returns:**

java.lang.String

### (H) getPhone

```
public short getPhone()
```

**Returns:**

short

(I) `getRoomName`

```
public java.lang.String getRoomName()
```

**Returns:**

java.lang.String

(J) `setAccountName`

```
public void setAccountName(java.lang.String newAccountName)
```

**Parameters:**

newAccountName - java.lang.String

(K) setGuestName

```
public void setGuestName(java.lang.String newGuestName)
```



030306E - 030307E

```
public void setPhone(short newPhone)
```

```
public void setRoomName(java.lang.String newRoomName)
```

newRoomName - java.lang.String

PREV CLASS NEXT CLASS  
SUMMARY: INNER | FIELD | CONSTR | METHOD

**FRAMES**   **NO FRAMES**  
**DETAIL:** FIELD | CONSTR | METHOD

PREV CLASS NEXT CLASS  
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```
java.lang.Object
|
+-com.hoteltools.messages.HTGuestStay
```

An HTGuestStay contains information relating to a guests stay.

LIT/706561.1

**Field Summary**

```

    private arrival
    java.util.Date      Arrival date.
    private departure
    java.util.Date      Departure date.

```

**Constructor Summary**

```

HTGuestStay()

```

**Method Summary**

```

    java.util.Date getArrival()
    java.util.Date getDeparture()
    void setArrival(java.util.Date newArrival)
    void setDeparture(java.util.Date newDeparture)

```

**Methods inherited from class java.lang.Object**

```

clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait

```

**Field Detail**

## (A) arrival

```

private java.util.Date arrival
    Arrival date.

```

## (B) departure

```

private java.util.Date departure
    Departure date.

```

**Constructor Detail**

## (C) HTGuestStay

```

public HTGuestStay()

```

**Method Detail**

## (D) getArrival

public java.util.Date **getArrival**()

**Returns:**

java.util.Date

---

(E) [getDeparture](#)

public java.util.Date **getDeparture**()

**Returns:**

java.util.Date

---

(F) [setArrival](#)

public void **setArrival**(java.util.Date newArrival)

**Parameters:**

newArrival - java.util.Date

---

(G) [setDeparture](#)

public void **setDeparture**(java.util.Date newDeparture)

**Parameters:**

newDeparture - java.util.Date

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**[com.hoteltools.messages](#)**

**[Class HTHotelDeviceType](#)**

java.lang.Object

|

public final class **HTHotelDeviceType**

extends java.lang.Object

implements java.io.Serializable

An HTHotelDeviceType indicates the type hotel device.

**See Also:**

[Serialized Form](#)

#### Field Summary

static int	<a href="#"><u>CallAccounting</u></a>	Call accounting system (value = 2, converted to UHLL '2').
static int	<a href="#"><u>Games</u></a>	Interactive game (value = 6, converted to UHLL '6').
static int	<a href="#"><u>Internet</u></a>	Internet system (value = 5, converted to UHLL '5').
static int	<a href="#"><u>KeyLessEntry</u></a>	Keyless entry (value = 9, converted to UHLL '4').
static int	<a href="#"><u>Minibar</u></a>	Minibar (value = 8, converted to UHLL '9').
static int	<a href="#"><u>Movies</u></a>	In-room movie system (value = 4, converted to UHLL '3').
static int	<a href="#"><u>PBX</u></a>	Phone business exchange (value = 1, converted to UHLL '1').
static int	<a href="#"><u>PMS</u></a>	Property management system (value = 0, converted to UHLL '0').
static int	<a href="#"><u>POS</u></a>	Point of sale system (value = 3, converted to UHLL '8').
static int	<a href="#"><u>RoomSafe</u></a>	Room safe (value = 10, converted to UHLL '7').
private int	<a href="#"><u>value</u></a>	The hotel device type (use one of the static int's above).
static int	<a href="#"><u>VoiceMail</u></a>	Voice mail (value = 7, converted to UHLL '10').

#### Constructor Summary

[HTHotelDeviceType\(\)](#)

#### Method Summary

int	<a href="#"><u>getValue()</u></a>
void	<a href="#"><u>setValue(int newValue)</u></a>

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Field Detail****(A) PMS**

public static final int **PMS**

Property management system (value = 0, converted to UHLL '0').

**(B) PBX**

public static final int **PBX**

Phone business exchange (value = 1, converted to UHLL '1').

**(C) CallAccounting**

public static final int **CallAccounting**

Call accounting system (value = 2, converted to UHLL '2').

**(D) POS**

public static final int **POS**

Point of sale system (value = 3, converted to UHLL '3').

**(E) Movies**

public static final int **Movies**

In-room movie system (value = 4, converted to UHLL '4').

**(F) Internet**

public static final int **Internet**

Internet system (value = 5, converted to UHLL '5').

**(G) Games**

public static final int **Games**

Interactive game (value = 6, converted to UHLL '6').

**(H) VoiceMail**

public static final int **VoiceMail**

0695-01

```
public static final int Minibar
    Minibar (value = 8, converted to UHLL '9').
```

```
public static final int KeyLessEntry
    Keyless entry (value = 9, converted to UHLL '4').
```

```
public static final int RoomSafe
    Room safe (value = 10, converted to UHLL '7').
```

```
private int value
```

The hotel device type (use one of the static int's above).

(M) HTHotelDeviceType

### Method Detail

(N) getValue

**Returns:**  
int

(O) setValue

**Parameters:**  
newValue - int

### **Class HTKeyCardCreateError**

```
public final class HTKeyCardCreateError
extends java.lang.Object
implements java.io.Serializable
```

An `HTKeyCardCreateError` indicates any errors creating a key card.

**See Also:**

### Serialized Form

Field Summary	
static int	<u>Abort</u> Transaction aborted (value = 14, converted to UHLL '12').
static int	<u>BadCommand</u> Bad command (value = 5, converted to UHLL '6').
static int	<u>BadEncoderId</u> Invalid encoder number (value = 4, converted to UHLL '5').
static int	<u>BadField</u> Invalid field (value = 3, converted to UHLL '2').
static int	<u>BadMedia</u> Bad media (value = 6, converted to UHLL '9').
static int	<u>BadPassword</u> Invalid password (value = 8, converted to UHLL '10').
static int	<u>BadRoom</u>

	Room status error (value = 9, converted to UHLL '14').
static int	<u>BadUser</u> User not authorized (value = 7, converted to UHLL '11').
static int	<u>Busy</u> Encoder busy (value = 1, converted to UHLL '7').
static int	<u>CommError</u> Communication failure (value = 11, converted to UHLL '13').
static int	<u>FieldRequired</u> Required field was missing (value = 2, converted to UHLL '3').
static int	<u>Hardware</u> Hardware error (value = 12, converted to UHLL '1').
static int	<u>KeySystemError</u> Key system error (value = 13, converted to UHLL '15').
static int	<u>NoConnection</u> No connection to encoder (value = 10, converted to UHLL '8').
static int	<u>None</u> No error, key was created (value = 0, converted to UHLL '0').
static int	<u>Timeout</u> Encoder timeout (value = 15, converted to UHLL '4').
private int	<u>value</u> The key create error value (use one of the static int's above).

**Constructor Summary**

HTKeyCardCreateError()

**Method Summary**

int	<u>getValue()</u>
void	<u>setValue</u> (int newValue)

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Field Detail**

(A) None

public static final int **None**

No error, key was created (value = 0, converted to UHLL '0').

(B) Busy



public static final int **Busy**  
Encoder busy (value = 1, converted to UHLL '7').

---

(C) FieldRequired

---

public static final int **FieldRequired**  
Required field was missing (value = 2, converted to UHLL '3').

---

(D) BadField

---

public static final int **BadField**  
Invalid field (value = 3, converted to UHLL '2').

---

(E) BadEncoderId

---

public static final int **BadEncoderId**  
Invalid encoder number (value = 4, converted to UHLL '5').

---

(F) BadCommand

---

public static final int **BadCommand**  
Bad command (value = 5, converted to UHLL '6').

---

(G) BadMedia

---

public static final int **BadMedia**  
Bad media (value = 6, converted to UHLL '9').

---

(H) BadUser

---

public static final int **BadUser**  
User not authorized (value = 7, converted to UHLL '11').

---

(I) BadPassword

---

public static final int **BadPassword**  
Invalid password (value = 8, converted to UHLL '10').

---

(J) BadRoom

---

public static final int **BadRoom**  
Room status error (value = 9, converted to UHLL '14').

---

(K) NoConnection

---

public static final int **NoConnection**  
No connection to encoder (value = 10, converted to UHLL '8').

---

(L) **CommError**

---

public static final int **CommError**  
Communication failure (value = 11, converted to UHLL '13').

---

(M) **Hardware**

---

public static final int **Hardware**  
Hardware error (value = 12, converted to UHLL '1').

---

(N) **KeySystemError**

---

public static final int **KeySystemError**  
Key system error (value = 13, converted to UHLL '15').

---

(O) **Abort**

---

public static final int **Abort**  
Transaction aborted (value = 14, converted to UHLL '12').

---

(P) **Timeout**

---

public static final int **Timeout**  
Encoder timeout (value = 15, converted to UHLL '4').

---

(Q) **value**

---

private int **value**  
The key create error value (use one of the static int's above).

#### **Constructor Detail**

(R) **HTKeyCardCreateError**

public **HTKeyCardCreateError**()

#### **Method Detail**

(S) **getValue**

public int **getValue**()

**Returns:**  
int

---

(T) setValue

```
public void setValue(int newValue)
```

**Parameters:**

newValue - int

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[com.hoteltools.messages](#)

[Class HTKeyCardSecurity](#)

```
java.lang.Object
|
+-com.hoteltools.messages.HTKeyCardSecurity
```

```
public final class HTKeyCardSecurity
extends java.lang.Object
implements java.io.Serializable
```

Contains key card security data.

**See Also:**

[Serialized Form](#)

**Field Summary**

private <a href="#">expiration</a>	
java.util.Date	Expiration time for the key card.
private <a href="#">levels</a>	
java.lang.String[]	Levels the key card grants access to.
private <a href="#">password</a>	
java.lang.String	Password for the key card.

## HTKeyCardSecurity()

java.util.Date	getExpiration()
----------------	-----------------

```
java.util.Date getExpiration()
```

```
java.lang.String[] getLevels()
```

```
java.lang.String getPassword()
```

```
void setExpiration(java.util.Date newExpiration)
```

```
void setLevels(java.lang.String[] newLevels)
```

```
void setPassword(java.lang.String newPassword)
```

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) password

```
private java.lang.String password
    Password for the key card.
```

(B) levels

```
private java.lang.String[] levels
    Levels the key card grants access to.
```

(C) expiration

```
private java.util.Date expiration
    Expiration time for the key card.
```

(D) HTKeyCardSecurity

```
public HTKeyCardSecurity()
```

## (E) getExpiration

public java.util.Date **getExpiration**()

**Returns:**  
java.util.Date

---

(F) **getLevels**

public java.lang.String[] **getLevels**()

**Returns:**  
java.lang.String[]

---

(G) **getPassword**

public java.lang.String **getPassword**()

**Returns:**  
java.lang.String

---

(H) **setExpiration**

public void **setExpiration**(java.util.Date newExpiration)

**Parameters:**  
newExpiration - java.util.Date

---

(I) **setLevels**

public void **setLevels**(java.lang.String[] newLevels)

**Parameters:**  
newLevels - java.lang.String[]

---

(J) **setPassword**

public void **setPassword**(java.lang.String newPassword)

**Parameters:**  
newPassword - java.lang.String

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**SUMMARY:** **INNER** | **FIELD** | **CONSTR** | **METHOD**

**FRAMES** **NO FRAMES**  
**DETAIL:** **FIELD** | **CONSTR** | **METHOD**

---

### Class HTKeyCardType

### Serialized Form

LIT/706561.1

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) NewCard

```
public static final int NewCard
```

New key card (value = 0, converted to UHLL '0').

(B) DupCard

```
public static final int DupCard
```

Duplicate key card (value = 1, converted to UHLL '1').

(C) SingleUse

```
public static final int SingleUse
```

Key used only once (value = 2, converted to UHLL '2').

(D) value

```
private int value
```

The key card type (use one of the static int's above).

## Constructor Detail

(E) HTKeyCardType

```
public HTKeyCardType()
```

## Method Detail

(F) getValue

```
public int getValue()
```

**Returns:**

int

(G) setValue

```
public void setValue(int newValue)
```

**Parameters:**

newValue - int

FRAMES	NO FRAMES
DETAIL	FIELD   CONSTR   METHOD

FRAMES	NO FRAMES
DETAIL: FIELD   CONSTR   METHOD	

**com.hoteltools.messages**

### Class HTKeyLinkError

```
java.lang.Object
|
+-com.hoteltools.messages.HTKeyLinkError
```

```
public final class HTKeyLinkError
extends java.lang.Object
implements java.io.Serializable
```

An HTKeyLinkError indicates any errors linking to the key card system.

**See Also:**

Serialized Form

Field Summary	
static int	<u>BadData</u> Bad HTRestKeyLink data (value = 2, converted to UHLL '2').
static int	<u>None</u> No error, key system active (value = 0, converted to UHLL '0').
static int	<u>NoSystem</u> No key card system found (value = 3, converted to UHLL '1').
static int	<u>Unavailable</u> Key card system currently unavailable (value = 1, converted to UHLL '4').
static int	<u>Unknown</u> Misc errors (value = 4, converted to UHLL '3').
private int	<u>value</u> The key link error value (use one of the static int's above).



## Constructor Summary

**HTKeyLinkError**()

## Method Summary

int **getValue**()

void **setValue**(int newValue)

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) None

public static final int **None**

No error, key system active (value = 0, converted to UHLL '0').

(B) Unavailable

public static final int **Unavailable**

Key card system currently unavailable (value = 1, converted to UHLL '4').

(C) BadData

public static final int **BadData**

Bad HTRRequestKeyLink data (value = 2, converted to UHLL '2').

(D) NoSystem

public static final int **NoSystem**

No key card system found (value = 3, converted to UHLL '1').

(E) Unknown

public static final int **Unknown**

Misc errors (value = 4, converted to UHLL '3').

(F) value

**098636** *See* 098637

## Constructor Detail

```
public HTKeyLinkError()
```

## Method Detail

(H) `getValue`

```
public int getValue()
```

int

(I) setValue

```
public void setValue(int newValue)
```

**Parameters:**

newValue - int

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SUMMARY: INNER | FIELD | CONSTR | METHOD

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DETAIL	FIELD	CONSTR	METHOD

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SUMMARY: INNER | FIELD | CONSTR | METHOD

FRAMES		NO FRAMES	
DETAIL	FIELD	CONSTR	METHOD

**com.hoteltools.messages**

### Class HTLanguageType

```
java.lang.Object
```

```
|
+-com.hoteltools.messages.HTLanguageType
```

```
public final class HTLanguageType
extends java.lang.Object
implements java.io.Serializable
```

An HTLanguageType indicates the type of language.

#### See Also:

[Serialized Form](#)

Field Summary	
static int	<a href="#">English</a> English (value = 0, converted to UHLL '0').
static int	<a href="#">French</a> French (value = 2, converted to UHLL '2').
static int	<a href="#">Italian</a> Italian (value = 3, converted to UHLL '3').
static int	<a href="#">Japanese</a> Japanese (value = 4, converted to UHLL '4').
static int	<a href="#">Spanish</a> Spanish (value = 1, converted to UHLL '1').
private int	<a href="#">value</a> The language type (use one of the static int's above).

#### Constructor Summary

[HTLanguageType\(\)](#)

#### Method Summary

int	<a href="#">getValue()</a>
void	<a href="#">setValue(int newValue)</a>

#### Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [registerNatives](#), [toString](#), [wait](#), [wait](#), [wait](#)

#### Field Detail

(A) [English](#)

```
public static final int English
    English (value = 0, converted to UHLL '0').
```

(B) [Spanish](#)

# THESE

```
public static final int French
    French (value = 2, converted to UHLL '2').
```

```
public static final int Italian
    Italian (value = 3, converted to UHLL '3').
```

(E) Japanese

```
public static final int Japanese
    Japanese (value = 4, converted to UHLL '4').
```

(F) value

```
private int value
```

The language type (use one of the static int's above).

### Constructor Detail

(G) HTLanguageType

```
public HTLanguageType()
```

### Method Detail

(H) `getValue`

```
public int getValue()
```

**Returns:**  
int

(I) set Value

```
public void setValue(int newValue)
```

**Parameters:**  
newValue - int

FRAMES	NO FRAMES
DETAIL: FIELD   CONSR   METHOD	

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SUMMARY: INNER | FIELD | CONSTR | METHOD

<u>FRAMES</u>	<u>NO FRAMES</u>
<u>DETAIL:</u>	<u>FIELD   CONSTR   METHOD</u>

### Class HTMessage

**Direct Known Subclasses:**

```
public abstract class HTMessage
```

```
extends java.lang.Object
```

```
implements java.io.Serializable
```

Base class for all Network transceiver messages. There will be one more level of abstract classes derived from this class which describe the major message category. Different threads will be used to process each category of messages.

**See Also:**

### Serialized Form

### Constructor Summary

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## Method Summary

abstract	<b>getJmsType()</b>
java.lang.String	Get the JMS type name for the class, which will be used to select messages from queue.
java.lang.String	<b>getOriginSite()</b>
	Return the originating network transceiver site identifier.
java.util.Date	<b>getSentTime()</b>
void	<b>setOriginSite</b> (java.lang.String newOriginSite)
void	<b>setSentTime()</b>
	Set the time sent to current time.
void	<b>setSentTime</b> (java.util.Date newSentTime)

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) originSite

private java.lang.String **originSite**  
Originating property/site

(B) sentTime

private java.util.Date **sentTime**  
Time this message was sent.

## Constructor Detail

(C) HTMessage

public **HTMessage()**

## Method Detail

(D) getJmsType

public abstract java.lang.String **getJmsType()**  
Get the JMS type name for the class, which will be used to select messages from queue. The abstract "major category" classes will implement this method as a final method.

(E) getSentTime

public java.util.Date **getSentTime**()

**Returns:**

java.util.Date

---

(F) **getOriginSite**

public java.lang.String **getOriginSite**()

Return the originating network transceiver site identifier.

---

(G) **setOriginSite**

public void **setOriginSite**(java.lang.String newOriginSite)

**Parameters:**

newOriginSite - java.lang.String

---

(H) **setSentTime**

public void **setSentTime**(java.util.Date newSentTime)

**Parameters:**

newSentTime - java.util.Date

---

(I) **setSentTime**

public void **setSentTime**()

Set the time sent to current time.

---

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### Class HTDevMessage

```
java.lang.Object
|
+-com.hotelitools.messages.HTMessage
|
+-com.hotelitools.messages.HTDevMessage
```

**Direct Known Subclasses:**

HTDevConnected, HTDevDisconnected

```
public abstract class HTDevMessage
```

```
extends HTMessage
```

This class is the base class for all hotel device (call accounting, PBX, etc) status messages sent between the network transceiver and the ASP.

**See Also:**

### Serialized Form

Field Summary	
private int	<u>deviceId</u> Hotel device id (3 digits) that the message is for.
static java.lang.String	<u>msgType</u>

```
Fields inherited from class com.hoteltools.messages.HTMessage
originSite, sentTime
```

<b>Constructor Summary</b>	
<u>HTDevMessage</u> (int newDeviceId)	

Method Summary	
int	<code>getDeviceId()</code>
java.lang.String	<code>getJmsType()</code> Get the JMS type name for the class, which will be used to select messages from queue.
void	<code>setDeviceId(int newDeviceId)</code>

**Methods inherited from class `com.hoteltools.messages.HTMessage`**  
`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`



### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

#### (A) `jmsType`

```
public static final java.lang.String jmsType
```

#### (B) `deviceId`

```
private int deviceId
```

Hotel device id (3 digits) that the message is for. Device 000 is the Control Protocol box itself.

### Constructor Detail

#### (C) `HTDevMessage`

```
public HTDevMessage(int newDeviceId)
```

### Method Detail

#### (D) `getJmsType`

```
public final java.lang.String getJmsType()
```

#### **Description copied from class: `HTMessage`**

Get the JMS type name for the class, which will be used to select messages from queue. The abstract "major category" classes will implement this method as a final method.

#### **Overrides:**

`getJmsType` in class `HTMessage`

#### (E) `getDeviceId`

```
public int getDeviceId()
```

#### **Returns:**

int

#### (F) `setDeviceId`

```
public void setDeviceId(int newDeviceId)
```

#### **Parameters:**

`newDeviceId` - int

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---

**com.hoteltools.messages**

**Class HTDevDisconnected**

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTDevMessage
        |
        +-com.hoteltools.messages.HTDevDisconnected
```

---

public final class **HTDevDisconnected**  
extends [HTDevMessage](#)

Message sent to ASP to indicate that a hotel device has stopped responding. One of these will be generated by the network transceiver when a device stops responding, and a HTDevConnected will be generated once the device starts responding again. Device 000 is the Control protocol box itself.

**See Also:**

[Serialized Form](#)

---

**Fields inherited from class [com.hoteltools.messages.HTDevMessage](#)**

deviceId, jmsType

**Fields inherited from class [com.hoteltools.messages.HTMessage](#)**

originSite, sentTime

**Constructor Summary**

04359565

```
getDeviceId, getJmsType, setDeviceId
```

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) HTDevDisconnected

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### Class HTFmMessage

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## 01252614

### Method Detail

```
public final java.lang.String getJmsType()
```

Get the JMS type name for the class, which will be used to select messages from queue. The abstract "major category" classes will implement this method as a final method.

getJmsType in class HTMessage

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### Class HTHearbeat

```
+com.hoteltools.messages.HTMessage
```

```
+com.hoteltools.messages.HTFmMessage
```

```
+com.hoteltools.messages.HTHeartbeat
```

```

1 extends HTFmMessage

```

**See Also:**

**Fields inherited from class com.hoteltools.messages.HTFmMessage**

jmsType

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary**

HTHeartbeat()

**Methods inherited from class com.hoteltools.messages.HTFmMessage**

getJmsType

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Constructor Detail**

(A) HTHeartbeat

public HTHeartbeat()

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## com.hoteltools.messages

### Class HTLostConnectivity

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTFmMessage
        |
        +-com.hoteltools.messages.HTLostConnectivity
```

---

```
public final class HTLostConnectivity
    extends HTFmMessage
```

Message sent to ASP to indicate the high speed access has been lost. The network transceiver constantly pings the ASP to check for connectivity and sends this message if the ping fails. Of course, this message won't get through without the connection, but it is queued and sent when a connection has been restored so we can document when the disconnect occurred.

#### **See Also:**

[Serialized Form](#)

---

<b>Fields inherited from class com.hoteltools.messages.HTFmMessage</b>
--

jmsType
---------

<b>Fields inherited from class com.hoteltools.messages.HTMessage</b>
--

originSite, sentTime
----------------------

<b>Constructor Summary</b>
----------------------------

HTLostConnectivity()
----------------------

<b>Methods inherited from class com.hoteltools.messages.HTFmMessage</b>
---

getJmsType
------------

<b>Methods inherited from class com.hoteltools.messages.HTMessage</b>
---





**Fields inherited from class com.hoteltools.messages.HTFmMessage**

jmsType

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary**

HTPowerLost()

**Methods inherited from class com.hoteltools.messages.HTFmMessage**

getJmsType

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Constructor Detail**

(A) HTPowerLost

public HTPowerLost()

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---

## **com.hoteltools.messages**

### **Class HTTPowerRestored**

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|   |
|   +-com.hoteltools.messages.HTFmMessage
|       |
|       +-com.hoteltools.messages.HTTPowerRestored
```

---

```
public final class HTTPowerRestored
    extends HTFmMessage
```

Message sent to ASP to indicate power has been restored.

**See Also:**

[Serialized Form](#)

---

#### **Fields inherited from class [com.hoteltools.messages.HTFmMessage](#)**

[jmsType](#)

#### **Fields inherited from class [com.hoteltools.messages.HTMessage](#)**

[originSite](#), [sentTime](#)

#### **Constructor Summary**

[HTTPowerRestored\(\)](#)

#### **Methods inherited from class [com.hoteltools.messages.HTFmMessage](#)**

[getJmsType](#)

#### **Methods inherited from class [com.hoteltools.messages.HTMessage](#)**

[getOriginSite](#), [getSentTime](#), [setOriginSite](#), [setSentTime](#), [setSentTime](#)

## Methods inherited from class [java.lang.Object](#)

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [registerNatives](#), [toString](#), [wait](#), [wait](#), [wait](#)

## Constructor Detail

### (A) [HTPowerRestored](#)

```
public HTPowerRestored()
```

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## [com.hotelttools.messages](#)

### [Class \[HTPrimaryRestored\]\(#\)](#)

```
java.lang.Object
```

```
 |  
 +- com.hotelttools.messages.HTMessage
```

```
 |  
   +- com.hotelttools.messages.HTFmMessage
```

```
 |  
   +- com.hotelttools.messages.HTPrimaryRestored
```

```
public final class HTPrimaryRestored  
extends HTFmMessage
```

Message sent to ASP to indicate primary (high-speed) access restored

See Also:

[Serialized Form](#)

## Fields inherited from class [com.hotelttools.messages.HTFmMessage](#)

[imsType](#)

## Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

## Constructor Summary

HTPrimaryRestored()

## Methods inherited from class com.hoteltools.messages.HTFmMessage

getJmsType

## Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Constructor Detail

(A) HTPrimaryRestored

public HTPrimaryRestored()

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Class HTTPrimaryRestored

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|
|   +-com.hoteltools.messages.HTFmMessage
|   |
|   |   +-com.hoteltools.messages.HTTPrimaryRestored
```

---

public final class **HTTPrimaryRestored**

extends HTFmMessage

Message sent to ASP to indicate primary (high-speed) access restored

**See Also:**

Serialized Form

---

**Fields inherited from class com.hoteltools.messages.HTFmMessage**

imsType

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary**

HTTPrimaryRestored()

**Methods inherited from class com.hoteltools.messages.HTFmMessage**

getImsType

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Constructor Detail**

(A) HTTPrimaryRestored

public HTPrimaryRestored()

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## com.hoteltools.messages

### Class HTSecondaryActivated

java.lang.Object

+-com.hoteltools.messages.HTMessage

+-com.hoteltools.messages.HTFmMessage

+-com.hoteltools.messages.HTSecondaryActivated

public final class HTSecondaryActivated

extends [HTFmMessage](#)

Message sent to ASP to indicate secondary (modem) connection activated

See Also:

[Serialized Form](#)

#### Fields inherited from class com.hoteltools.messages.HTFmMessage

msgType

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

#### Constructor Summary

HTSecondaryActivated()

## Methods inherited from class `com.hoteltools.messages.HTFmMessage`

`getJmsType`

## Methods inherited from class `com.hoteltools.messages.HTMessage`

`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`

## Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `registerNatives`, `toString`, `wait`, `wait`, `wait`

## Constructor Detail

(A) `HTSecondaryActivated`

```
public HTSecondaryActivated()
```

---

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---

## `com.hoteltools.messages`

### Class `HTShuttingDown`

```
java.lang.Object
|
+--com.hoteltools.messages.HTMessage
    |
    +--com.hoteltools.messages.HTFmMessage
```

```

class HTFmMessage
  extends HTFmMessage

```

**See Also:**

Serialized Form

```
inType
```

```
originSite, sentTime
```

```
HTShuttingDown()
```

## getJmsType

```
GetOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

### (A) HTShuttingDown

```
public HTShuttingDown()
```

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### **Class HTSystemHalt**

```
public final class HTSystemHalt
extends HTFmMessage
```

Message sent to ASP to indicate the system is being shut down. This could be the result of a prolonged power outage, a scheduled reboot, a reboot after a code update, etc.

**See Also:**  
Serialized Form

## JmsType

```
originSite, sentTime
```

```
HTSystemHalt()
```

GetJmsType

**Methods inherited from class `com.hoteltools.messages.HTMessage`**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Constructor Detail

(A) HTSystemHalt

```
public HTSystemHalt()
```

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## com.hoteltools.messages

### Class HTSystemStart

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|   |
|   +-com.hoteltools.messages.HTFmMessage
|       |
|       +-com.hoteltools.messages.HTSystemStart
```

```
public final class HTSystemStart
extends HTFmMessage
```

Message sent to ASP to indicate the system is starting up. This is sent whenever the tbmonitor app starts so it could also be sent if the tbmonitor app is restarted

**See Also:**

**Fields inherited from class com.hoteltools.messages.HTFmMessage**

JmsType

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary****HTSystemStart()****Methods inherited from class com.hoteltools.messages.HTFmMessage**

GetJmsType

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Constructor Detail**

(A) HTSystemStart

public HTSystemStart()

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### Class HTPmsMessage

**Direct Known Subclasses:**

HTCallPost, HTCheckIn, HTCheckOut, HTCopyMailbox, HTCreditLimit,  
HTDoNotDisturb, HTError, HTExpressCheckOut, HTFolioHeaderList,  
HTFolioRecordList, HTGuestMove, HTGuestSwap, HTKeyCardCreate, HTKeyLink,  
HTNoop, HTPosPost, HTPost, HTRequestCheckIn, HTRequestExpressCheckOut,  
HTRequestFolioHeaders, HTRequestFolioRecords, HTRequestKeyCardCreate,  
HTRequestKeyLink, HTRequestPosPost, HTRequestRoomList,  
HTRequestRoomMsgCounts, HTRequestRoomMsgs, HTRequestRoomStatus,  
HTRestoreVoiceMail, HTRestrictPhone, HTRoomList, HTRoomMsgCounts,  
HTRoomMsgList, HTRoomMsgStatus, HTRoomStatus, HTRoomStatusChange

```

class HTMessage
  extends HTMessage

```

This class is the base class for all PMS messages sent between the network transceiver and the ASP.

**See Also:**

Serialized Form

Field Summary	
static java.lang.String	<u>jsType</u>
Private int	<u>transactionId</u> Transaction id of the message.

Fields inherited from class `com.hoteltools.messages.HTMMessage`  
`originSite`, `sentTime`

### Constructor Summary

HTPmsMessage()

### Method Summary

java.lang.String	<b>getJmsType()</b> Get the JMS type name for the class, which will be used to select messages from queue.
int	<b>getTransactionId()</b>
void	<b>setTransactionId(int newTransactionId)</b>

### Methods inherited from class com.hoteltools.messages.HTMessage

GetOriginSite, getSetTime, setOriginSite, setSetTime, setSentTime

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) jmsType

public static final java.lang.String jmsType

(B) transactionId

private int transactionId

Transaction id of the message. The PMS should fill this in with a unique number. Network transceiver responses to PMS messages will set this id to match the original PMS message transaction id. If an error occurs because of a PMS message, HTError will be returned with the matching transaction id.

### Constructor Detail

(C) HTPmsMessage

public HTPmsMessage()

### Method Detail

(D) getJmsType

public final java.lang.String getJmsType()

Description copied from class: HTMessage

Get the JMS type name for the class, which will be used to select messages from queue. The abstract "major category" classes will implement this method as a final method.

**Overrides:**

[getJmsType](#) in class [HTMMessage](#)

---

(E) [getTransactionId](#)

```
public int getTransactionId()
```

**Returns:**

int

---

(F) [setTransactionId](#)

```
public void setTransactionId(int newTransactionId)
```

**Parameters:**

newTransactionId - int

---

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---

**[com.hotelttools.messages](#)**

**[Class HTCallPost](#)**

```
java.lang.Object
```

```
  |  
  +- com.hotelttools.messages.HTMessage
```

```
    |  
    +- com.hotelttools.messages.HTPmsMessage
```

```
      |  
      +- com.hotelttools.messages.HTCallPost
```

---

```
public final class HTCallPost
```

extends [HTPmsMessage](#)

An HTCallPost is used to send a phone call posting. Usage: sent by the network transceiver to the PMS.

See Also:

[Serialized Form](#)

Field Summary	
private <a href="#">HTCurrency</a>	<a href="#">amount</a> Charge amount.
private <a href="#">HTCallType</a>	<a href="#">callType</a> Type of phone call.
private <a href="#">java.lang.String</a>	<a href="#">dialed</a> Phone number dialed.
private int	<a href="#">duration</a> Duration of the phone call (in seconds).
private short	<a href="#">phone</a> The room phone extension of the guest making the phone call.
private <a href="#">java.util.Date</a>	<a href="#">startTime</a> Time phone call began.
private boolean	<a href="#">tandem</a> Was this a conference call?
private <a href="#">java.lang.String</a>	<a href="#">trunk</a> Phone trunk being used.

Fields inherited from class <a href="#">com.hoteltools.messages.HTPmsMessage</a>
<a href="#">jmsType</a> , <a href="#">transactionId</a>

Fields inherited from class <a href="#">com.hoteltools.messages.HTMessage</a>
<a href="#">originSite</a> , <a href="#">sentTime</a>

Constructor Summary	
HTCallPost()	
Default constructor	

Method Summary	
<u>HTCurrency</u>	<u>getAmount()</u>
<u>HTCallType</u>	<u>getCallType()</u>
java.lang.String	<u>getDialed()</u>
int	<u>getDuration()</u>

short	<u>getPhone()</u>
java.util.Date	<u>getStartTime()</u>
java.lang.String	<u>getTrunk()</u>
boolean	<u>isTandem()</u>
void	<u>setAmount</u> ( <u>HTCurrency</u> newAmount)
void	<u>setCallType</u> ( <u>HTCallType</u> newCallType)
void	<u>setDialed</u> (java.lang.String newDialed)
void	<u>setDuration</u> (int newDuration)
void	<u>setPhone</u> (short newPhone)
void	<u>setStartTime</u> (java.util.Date newStartTime)
void	<u>setTandem</u> (boolean newTandem)
void	<u>setTrunk</u> (java.lang.String newTrunk)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) phone

private short phone

The room phone extension of the guest making the phone call.

(B) dialed

private java.lang.String dialed



Phone number dialed.

---

(C) `callType`

`private HTCallType callType`  
Type of phone call.

---

(D) `startTime`

`private java.util.Date startTime`  
Time phone call began.

---

(E) `duration`

`private int duration`  
Duration of the phone call (in seconds).

---

(F) `trunk`

`private java.lang.String trunk`  
Phone trunk being used.

---

(G) `tandem`

`private boolean tandem`  
Was this a conference call?

---

(H) `amount`

`private HTCurrency amount`  
Charge amount.

#### **Constructor Detail**

(I) `HTCallPost`

`public HTCallPost()`  
Default constructor

#### **Method Detail**

(J) `getAmount`

`public HTCurrency getAmount()`  
**Returns:**  
`com.hoteltools.messages.HTCurrency`

---

(K) `getCallType`

038866 - D5250 J

```
public java.lang.String getDialed()
```

(M) getDuration

**Returns:**  
int

```
public short getPhone()
```

(O) `getStartTime`

**Returns:**  
java.util.Date

```
public java.lang.String getTrunk()
```

(Q) isTandem

**Returns:**  
boolean

```
public void setAmount(HTCurrency newAmount)
```

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---

(S) setCallType

public void **setCallType**(HTCallType newCallType)

**Parameters:**

newCallType - com.hoteltools.messages.HTCallType

---

(T) setDialed

public void **setDialed**(java.lang.String newDialed)

**Parameters:**

newDialed - java.lang.String

---

(U) setDuration

public void **setDuration**(int newDuration)

**Parameters:**

newDuration - int

---

(V) setPhone

public void **setPhone**(short newPhone)

**Parameters:**

newPhone - short

---

(W) setStartTime

public void **setStartTime**(java.util.Date newStartTime)

**Parameters:**

newStartTime - java.util.Date

---

(X) setTandem

public void **setTandem**(boolean newTandem)

**Parameters:**

newTandem - boolean

---

(Y) setTrunk

public void **setTrunk**(java.lang.String newTrunk)

**Parameters:**

newTrunk - java.lang.String

---

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## com.hoteltools.messages

### Class HTCheckIn

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|
|   +-com.hoteltools.messages.HTPmsMessage
|   |
|   |   +-com.hoteltools.messages.HTCheckIn
    
```

public final class **HTCheckIn**  
 extends [HTPmsMessage](#)

An HTCheckIn is the message used to check in a guest. Usage: sent by PMS to the network transceiver.

**See Also:**

[Serialized Form](#)

Field Summary	
private <a href="#">HTAccount</a> <a href="#">account</a>	Account information for the guest.
private boolean <a href="#">firstGuest</a>	True if this is the first guest in the room.
private <a href="#">HTGuest</a> <a href="#">guest</a>	The guest being checked in.
private <a href="#">HTRoom</a> <a href="#">room</a>	The room the guest is checking into.

**Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)**

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```
originSite, sentTime
```

## HTCheckIn ( )

```
HTCheckIn(java.lang.String guestName,      java.lang.String accountName,
java.lang.String roomName,      short phone,      boolean firstGuest)
```

Initializing constructor, fills in required fields only

## HTAccount getAccount()

HTGuest	getGuest()
---------	------------

HTRoom getRoom ()

```
boolean isFirstGuest()
```

```
void setAccount(HTAccount newAccount)
```

```
void setFirstGuest(boolean newFirstGuest)
```

```
void setGuest(HGuest newGuest)
```

```
void setRoom(HTRoom newRoom)
```

```
getJmsType, getTransactionId, setTransactionId
```

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) guest

private HTGuest guest  
The guest being checked in.

---

(B) room

private HTRoom room  
The room the guest is checking into.

---

(C) account

private HTAccount account  
Account information for the guest.

---

(D) firstGuest

private boolean firstGuest  
True if this is the first guest in the room.

#### Constructor Detail

(E) HTCheckIn

public HTCheckIn()  
Default constructor

---

(F) HTCheckIn

public HTCheckIn(java.lang.String guestName,  
java.lang.String accountName,  
java.lang.String roomName,  
short phone,  
boolean firstGuest)

Initializing constructor, fills in required fields only

#### Parameters:

guestName - java.lang.String  
accountName - java.lang.String  
roomName - java.lang.String  
phone - short  
firstGuest - boolean

#### Method Detail

(G) getAccount

public HTAccount getAccount()  
**Returns:**  
com.hoteltools.messages.HTAccount

---

(H) getGuest

```
public HTGuest getGuest()
```

**Returns:**  
com.hoteltools.messages.HTGuest

(I) `getRoom`

```
public HTRoom getRoom()
Returns:
com.hoteltools.messages.HTRoom
```

(J) `isFirstGuest`

```
public boolean isFirstGuest()
    Returns:
    boolean
```

(K) setAccount

```
public void setAccount(HTAccount newAccount)
```

**Parameters:**  
newAccount - com.hoteltools.messages.HTAccount

(L) setGuest

```
public void setGuest(HTGuest newGuest)
```

**Parameters:**  
 newGuest - com.hoteltools.messages.HTGuest

(M) setRoom

```
public void setRoom(HTRoom newRoom)
```

**Parameters:**  
 newRoom - com.hoteltools.messages.HTRoom

(N) setFirstGuest

```
public void setFirstGuest(boolean newFirstGuest)
```

**Parameters:**  
newFirstGuest - boolean

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## com.hoteltools.messages

### Class HTCheckOut

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTCheckOut
    
```

public final class **HTCheckOut**  
 extends [HTPmsMessage](#)

An HTCheckOut is the message used to check out a guest. Usage: sent by PMS to the network transceiver.

**See Also:**

[Serialized Form](#)

Field Summary	
private <a href="#">guestId</a>	
<a href="#">HTGuestId</a>	The id of the guest being checked out.
private <a href="#">lastGuest</a>	
boolean	True if this is the last guest in the room.

Fields inherited from class <a href="#">com.hoteltools.messages.HTPmsMessage</a>
<a href="#">jmsType</a> , <a href="#">transactionId</a>



**Fields inherited from class com.hoteltools.messages.HTMessage**`originSite, sentTime`**Constructor Summary**`HTCheckOut()`

Default constructor

`HTCheckOut(java.lang.String guestName, java.lang.String roomName, short phone)`

Initializing constructor

**Method Summary**`HTGuestId getGuestId()``boolean isLastGuest()``void setGuestId(HTGuestId newGuestId)``void setLastGuest(boolean newLastGuest)`**Methods inherited from class com.hoteltools.messages.HTPmsMessage**`getJmsType, getTransactionId, setTransactionId`**Methods inherited from class com.hoteltools.messages.HTMessage**`getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime`**Methods inherited from class java.lang.Object**`, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait`**Field Detail**(A) `guestId``private HTGuestId guestId`

The id of the guest being checked out.

(B) `lastGuest``private boolean lastGuest`

True if this is the last guest in the room.

**Constructor Detail**

(C) `HTCheckOut`

```
public HTCheckOut()  
    Default constructor
```

---

(D) `HTCheckOut`

```
public HTCheckOut(java.lang.String guestName,  
                  java.lang.String roomName,  
                  short phone)
```

Initializing constructor

<b>Method Detail</b>
----------------------

(E) `getGuestId`

```
public HTGuestId getGuestId()
```

**Returns:**  
`com.hoteltools.messages.HTGuestId`

---

(F) `isLastGuest`

```
public boolean isLastGuest()
```

**Returns:**  
`boolean`

---

(G) `setGuestId`

```
public void setGuestId(HTGuestId newGuestId)
```

**Parameters:**  
`newGuestId` - `com.hoteltools.messages.HTGuestId`

---

(H) `setLastGuest`

```
public void setLastGuest(boolean newLastGuest)
```

**Parameters:**  
`newLastGuest` - `boolean`

---

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## com.hoteltools.messages

### Class HTCopyMailbox

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTCopyMailbox
    
```

public final class **HTCopyMailbox**  
 extends [HTPmsMessage](#)

An HTCopyMailbox is the message used to copy a guest mailbox. Usage: sent by PMS to the network transceiver.

**See Also:**

[Serialized Form](#)

#### **Field Summary**

private short	<a href="#">from</a>	The source room phone extension.
private short	<a href="#">to</a>	The destination room phone extension.

#### **Fields inherited from class com.hoteltools.messages.HTPmsMessage**

[jmsType](#), [transactionId](#)

#### **Fields inherited from class com.hoteltools.messages.HTMessage**

[originSite](#), [sentTime](#)

#### **Constructor Summary**

[HTCopyMailbox\(\)](#)

## Method Summary

short	<b>getFrom</b> ()
short	<b>getTo</b> ()
void	<b>setFrom</b> (short newFrom)
void	<b>setTo</b> (short newTo)

## Methods inherited from class com.hoteltools.messages.HTPmsMessage

**getMessageType, getTransactionId, setTransactionId**

## Methods inherited from class com.hoteltools.messages.HTMessage

**getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime**

## Methods inherited from class java.lang.Object

**, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait**

## Field Detail

(A) from

private short from

The source room phone extension.

(B) to

private short to

The destination room phone extension.

## Constructor Detail

(C) HTCopyMailbox

public HTCopyMailbox()

## Method Detail

(D) getFrom

public short getFrom()

**Returns:**

short

[illegible]

**Returns:**  
short

```
public void setFrom(short newFrom)
```

**Parameters:**  
newFrom - short

(G) setTo

```
public void setTo(short newTo)
```

**Parameters:**  
newTo - short

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**com.hoteltools.messages**

### Class HTCreditLimit

```
java.lang.Object
├── +com.hoteltools.messages.HTMessage
│   └── +com.hoteltools.messages.HTPmsMessage
│       └── +com.hoteltools.messages.HTCreditLimit
```

public final class **HTCCreditLimit**  
 extends **HTPmsMessage**

An **HTCCreditLimit** is used to change a guests credit limit. Usage: sent by PMS to the network transceiver.

See Also:

[Serialized Form](#)

Field Summary	
private java.lang.String	<b>accountName</b> The account number (or name).
private boolean	<b>allowPost</b> True = allow simple posting for guest.
private <b>HTCCurrency</b>	<b>creditLimit</b> Credit limit for one-way posting devices.
private <b>HTRoom</b>	<b>room</b> The room data.

Fields inherited from class com.hoteltools.messages.HTPmsMessage
msgType, transactionId

Fields inherited from class com.hoteltools.messages.HTMessage
originSite, sentTime

Constructor Summary
<b>HTCCreditLimit</b> ()

Method Summary	
java.lang.String	<u>getAccountName</u> ()
<u>HTCurrency</u>	<u>getCreditLimit</u> ()
<u>HTRoom</u>	<u>getRoom</u> ()
boolean	<u>isAllowPost</u> ()
void	<u>setAccountName</u> (java.lang.String newAccountName)
void	<u>setAllowPost</u> (boolean newAllowPost)
void	<u>setCreditLimit</u> ( <u>HTCurrency</u> newCreditLimit)
void	<u>setRoom</u> ( <u>HTRoom</u> newRoom)

```
getJmsType, getTransactionId, setTransactionId
```

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) accountName

```
private java.lang.String accountName
    The account number (or name).
```

(B) room

```
private HTRoom room
    The room data.
```

(C) creditLimit

```
private HTCurrency creditLimit
```

Credit limit for one-way posting devices.

(D) allowPost

```
private boolean allowPost
    True = allow simple posting for guest.
```

## (E) HTCreditLimit

```
public HTCreditLimit()
```

(F) `getAccountName`

```
public java.lang.String getAccountName()
Returns:
java.lang.String
```

[illegible]

(H) getRoom

(I) isAllowPost

(J) `setAccountName`

(K) setAllowPost

(L) setCreditLimit

(M) setRoom

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## com.hoteltools.messages

### Class HTDoNotDisturb

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTDoNotDisturb
    
```

public final class **HTDoNotDisturb**  
 extends [HTPmsMessage](#)

An HTDoNotDisturb is the message used to notify a change in the Do Not Disturb status of the room. Usage: sent by both the PMS and the network transceiver.

See Also:

[Serialized Form](#)

#### Field Summary

private <b>HTRoomId</b>	<b>roomId</b> The room identifier.
----------------------------	---------------------------------------

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

jmsType, transactionId
------------------------

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime
----------------------

## Constructor Summary

`HTDoNotDisturb()`

## Method Summary

`HTRoomId` `getRoomId()`

`void` `setRoomId(HTRoomId newRoomId)`

## Methods inherited from class `com.hoteltools.messages.HTPmsMessage`

`getJmsType`, `getTransactionId`, `setTransactionId`

## Methods inherited from class `com.hoteltools.messages.HTMessage`

`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`

## Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `registerNatives`, `toString`, `wait`, `wait`, `wait`

## Field Detail

(A) `roomId`

private `HTRoomId` `roomId`

The room identifier.

## Constructor Detail

(B) `HTDoNotDisturb`

public `HTDoNotDisturb()`

## Method Detail

(C) `getRoomId`

public `HTRoomId` `getRoomId()`

**Returns:**

`com.hoteltools.messages.HTRoomId`

(D) `setRoomId`

public void `setRoomId(HTRoomId newRoomId)`

## Parameters:

newRoomId - com.hoteltools.messages.HTRoomId

---

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---

## com.hoteltools.messages

### Class HTErrors

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|
+-com.hoteltools.messages.HTPmsMessage
|
+-com.hoteltools.messages.HTErrors
```

---

public final class **HTErrors**

extends [HTPmsMessage](#)

An HTErrors is a general error message. Usage: sent by the network transceiver in response to any PMS message (see [HTPmsMessage](#)).

#### See Also:

[Serialized Form](#)

---

#### Field Summary

	<a href="#">description</a>
private java.lang.String	Description of the error.
private java.lang.String	<a href="#">errorName</a>
	Error number (or name).

---

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

[imsType](#), [transactionId](#)

originSite, sentTime
----------------------

## Constructor Summary

HTError()

## Method Summary

```
java.lang.String getDescription()
```

```
java.lang.String getErrorName()
```

```
void setDescription(java.lang.String newDescription)
```

```
void setErrorName(java.lang.String newErrorName)
```

**Methods inherited from class `com.hoteltools.messages.HTTPmsMessage`**

```
getJmsType, getTransactionId, setTransactionId
```

Methods inherited from class `com.hoteltools.messages.HTMessage`

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

### Methods inherited from class `java.lang.Object`

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

### Field Detail

(A) `errorName`

```
private java.lang.String errorName
    Error number (or name).
```

(B) description

```
private java.lang.String description
    Description of the error.
```

### Constructor Detail

(C) HTError

public **HTError**()

## Method Detail

(D) `getDescription`

public java.lang.String `getDescription`()

**Returns:**

java.lang.String

(E) `getErrorName`

public java.lang.String `getErrorName`()

**Returns:**

java.lang.String

(F) `setDescription`

public void `setDescription`(java.lang.String newDescription)

**Parameters:**

newDescription - java.lang.String

(G) `setErrorName`

public void `setErrorName`(java.lang.String newErrorName)

**Parameters:**

newErrorName - java.lang.String

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### Class HTEExpressCheckOut

```
java.lang.Object
├── com.hoteltools.messages.HTMessage
│   └── com.hoteltools.messages.HTFmsMessage
│       └── com.hoteltools.messages.HTEExpressCheckOut
```

```
public final class HTEExpressCheckOut
extends HTPmsMessage
```

An HTExpressCheckOut is the message used to express check out a guest. Usage: sent by PMS to the network transceiver in response to a HTRequestExpressCheckOut.

**See Also:**

Serialized Form

Field Summary	
private boolean	<u>confirmed</u> True if guest is allowed to express checkout.
private HTGuestId	<u>guestId</u> The guest being checked out.

```
Fields inherited from class com.hoteltools.messages.HTPmsMessage
imsType, transactionId
```

```
Fields inherited from class com.hoteltools.messages.HTMessage
originSite, sentTime
```

Constructor Summary	
<u>HTExpressCheckOut()</u>	

Method Summary	
<u>HTGuestId</u>	<u>getGuestId()</u>
boolean	<u>isConfirmed()</u>
void	<u>setConfirmed</u> (boolean newConfirmed)
void	<u>setGuestId</u> ( <u>HTGuestId</u> newGuestId)

**Methods inherited from class com.hoteltools.messages.HTPmsMessage**

getJmsType, getTransactionId, setTransactionId

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Field Detail****(A) guestId**

```
private HTGuestId guestId
```

The guest being checked out.

**(B) confirmed**

```
private boolean confirmed
```

True if guest is allowed to express checkout.

**Constructor Detail****(C) HTExpressCheckOut**

```
public HTExpressCheckOut()
```

**Method Detail****(D) getGuestId**

```
public HTGuestId getGuestId()
```

**Returns:**

com.hoteltools.messages.HTGuestId

**(E) isConfirmed**

```
public boolean isConfirmed()
```

**Returns:**

boolean

**(F) setConfirmed**

```
public void setConfirmed(boolean newConfirmed)
```

**Parameters:**  
newConfirmed - boolean

(G) [setGuestId](#)

public void [setGuestId](#)([HTGuestId](#) newGuestId)

**Parameters:**  
newGuestId - com.hoteltools.messages.HTGuestId

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## com.hoteltools.messages

### Class HTFolioHeaderList

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTFolioHeaderList
```

public final class **HTFolioHeaderList**  
extends [HTPmsMessage](#)

An HTFolioHeaderList is a list of the folio headers. Usage: sent by PMS to the network transceiver in response to a HTRequestFolioHeaders.

**See Also:**  
[Serialized Form](#)

#### Field Summary

private	<a href="#">headers</a>
---------	-------------------------



HTFolioHeader[]	Folio headers.
-----------------	----------------

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

jmsType, transactionId
------------------------

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime
----------------------

#### Constructor Summary

HTFolioHeaderList()	
---------------------	--

#### Method Summary

HTFolioHeader[]	<u>getHeaders</u> ()
void	<u>setHeaders</u> (HTFolioHeader[] newHeaders)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId
--

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
---

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait
---

#### Field Detail

(A) headers

```
private HTFolioHeader[] headers
    Folio headers.
```

#### Constructor Detail

(B) HTFolioHeaderList

```
public HTFolioHeaderList()
```

#### Method Detail

0983676 : 05501...

```
public HTFolioHeader[] getHeaders()
```

### Returns:

```
com.hoteltools.messages.HTFolioHeader[]
```

(D) `setHeaders`

```
public void setHeaders(HTFolioHeader[] newHeaders)
```

**Parameters:**

```
newHeaders - com.hoteltools.messages.HTFolioHeader[]
```

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**com.hoteltools.messages**

### Class HTFolioRecordList

```
java.lang.Object
```

```
+com.hoteltools.messages.HTMessage
|
+com.hoteltools.messages.HTPmsMessage
|
+com.hoteltools.messages.HTFolioRecordList
```

```
public final class HTFolioRecordList
extends HTPmsMessage
```

An HTFolioRecordList is a list of the folio records. Usage: sent by PMS to the network transceiver sent in response to a HTRequestFolioRecords message.

**See Also:**

### Serialized Form

Field Summary	
private java.lang.String	<u>accountName</u> Account the folio is for.
private HTCurrency	<u>balance</u> Balance of the account.
private HTFolioRecord[]	<u>records</u> Folio records.
private java.lang.String	<u>roomName</u> Room number (or name).

Fields inherited from class com.hoteltools.messages.HTPmsMessage
imsType, transactionId

Fields inherited from class com.hoteltools.messages.HTMessage
originSite, sentTime

Constructor Summary	
HTFolioRecordList()	

Method Summary	
java.lang.String	<u>getAccountName</u> ()
HTCurrency	<u>getBalance</u> ()
HTFolioRecord[]	<u>getRecords</u> ()
java.lang.String	<u>getRoomName</u> ()
void	<u>setAccountName</u> (java.lang.String newAccountName)
void	<u>setBalance</u> (HTCurrency newBalance)
void	<u>setRecords</u> (HTFolioRecord[] newRecords)
void	<u>setRoomName</u> (java.lang.String newRoomName)

Methods inherited from class com.hoteltools.messages.HTPmsMessage
getImsType, getTransactionId, setTransactionId

#### Methods inherited from class `com.hoteltools.messages.HTMessage`

`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`

#### Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `registerNatives`, `toString`, `wait`, `wait`, `wait`

#### Field Detail

(A) `roomName`

```
private java.lang.String roomName
    Room number (or name).
```

(B) `accountName`

```
private java.lang.String accountName
    Account the folio is for.
```

(C) `balance`

```
private HTCurrency balance
    Balance of the account.
```

(D) `records`

```
private HTFolioRecord[] records
    Folio records.
```

#### Constructor Detail

(E) `HTFolioRecordList`

```
public HTFolioRecordList()
```

#### Method Detail

(F) `getAccountName`

```
public java.lang.String getAccountName()
    Returns:
    java.lang.String
```

(G) `getBalance`

```
public HTCurrency getBalance()
    Returns:
```

```
public HTFolioRecord[] getRecords()
Returns:
com.hoteltools.messages.HTFolioRecord[]
```

```
public java.lang.String getRoomName()
Returns:
java.lang.String
```

```
public void setAccountName(java.lang.String newAccountName)
```

**Parameters:**  
newAccountName - java.lang.String

```
public void setBalance(HTCurrency newBalance)
```

**Parameters:**  
newBalance - com.hoteltools.messages.HTCurrency

```
public void setRecords(HTFolioRecord[] newRecords)
```

**Parameters:**  
newRecords - com.hoteltools.messages.HTFolioRecord[]

```
public void setRoomName(java.lang.String newRoomName)
```

**Parameters:**  
newRoomName - java.lang.String

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### Class HTGuestMove

public final class **HTGuestMove**  
extends **HTPmsMessage**

**See Also:**  
Serialized Form

Field Summary	
private HTAccount	<u>account</u> Account information for the guest.
private HTRoom	<u>fromRoom</u> The room the guest is moving from.
private HTGuest	<u>guest</u> The guest being moved.
private HTRoomId	<u>toRoom</u> The room the guest is moving to.

```
Fields inherited from class com.hoteltools.messages.HTPmsMessage
jmsType, transactionId
```

```
Fields inherited from class com.hoteltools.messages.HTMMessage
originSite, sentTime
```

## Constructor Summary

**HTGuestMove()**

Default constructor

**HTGuestMove**(java.lang.String guestName, java.lang.String accountName,  
java.lang.String fromRoomName, short fromRoomPhone,  
java.lang.String toRoomName, short toRoomPhone)

## Method Summary

**HTAccount** **getAccount()**

**HTRoom** **getFromRoom()**

**HTGuest** **getGuest()**

**HTRoomId** **getToRoom()**

void **setAccount**(**HTAccount** newAccount)

void **setFromRoom**(**HTRoom** newFromRoom)

void **setGuest**(**HTGuest** newGuest)

void **setToRoom**(**HTRoomId** newToRoom)

## Methods inherited from class com.hoteltools.messages.HTPmsMessage

**getJmsType**, **getTransactionId**, **setTransactionId**

## Methods inherited from class com.hoteltools.messages.HTMessage

**getOriginSite**, **getSentTime**, **setOriginSite**, **setSentTime**, **setSentTime**

## Methods inherited from class java.lang.Object

**clone**, **equals**, **finalize**, **getClass**, **hashCode**, **notify**, **notifyAll**,  
**registerNatives**, **toString**, **wait**, **wait**, **wait**

## Field Detail

(A) **guest**

private **HTGuest** **guest**  
The guest being moved.

(B) **account**

private HTAccount account  
Account information for the guest.

---

(C) fromRoom

---

private HTRoom fromRoom  
The room the guest is moving from.

---

(D) toRoom

---

private HTRoomId toRoom  
The room the guest is moving to.

#### Constructor Detail

(E) HTGuestMove

public HTGuestMove()  
Default constructor

---

(F) HTGuestMove

---

public HTGuestMove(java.lang.String guestName,  
java.lang.String accountName,  
java.lang.String fromRoomName,  
short fromRoomPhone,  
java.lang.String toRoomName,  
short toRoomPhone)

#### Method Detail

(G) getAccount

public HTAccount getAccount()  
**Returns:**  
com.hoteltools.messages.HTAccount

---

(H) getFromRoom

---

public HTRoom getFromRoom()  
**Returns:**  
com.hoteltools.messages.HTRoom

---

(I) getGuest

---

public HTGuest getGuest()  
**Returns:**  
com.hoteltools.messages.HTGuest

---



(J) [getToRoom](#)

```
public HTRoomId getToRoom()
```

**Returns:**

[com.hoteltools.messages.HTRoomId](#)

---

(K) [setAccount](#)

```
public void setAccount(HTAccount newAccount)
```

**Parameters:**

newAccount - [com.hoteltools.messages.HTAccount](#)

---

(L) [setFromRoom](#)

```
public void setFromRoom(HTRoom newFromRoom)
```

**Parameters:**

newFromRoom - [com.hoteltools.messages.HTRoom](#)

---

(M) [setGuest](#)

```
public void setGuest(HTGuest newGuest)
```

**Parameters:**

newGuest - [com.hoteltools.messages.HTGuest](#)

---

(N) [setToRoom](#)

```
public void setToRoom(HTRoomId newToRoom)
```

**Parameters:**

newToRoom - [com.hoteltools.messages.HTRoomId](#)

---

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**Class HTGuestSwap**

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTGuestSwap
```

---

public final class **HTGuestSwap**

extends **HTPmsMessage**

An HTGuestSwap is the message used to swap two guest rooms. Usage: sent by PMS to the network transceiver.

**See Also:**

[Serialized Form](#)

**Field Summary**

private	<b>room1</b>	
HTRoomId		The first guest being swapped.
private	<b>room2</b>	
HTRoomId		The second guest being swapped.

**Fields inherited from class com.hoteltools.messages.HTPmsMessage**

imsType, transactionId

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary**

**HTGuestSwap()**

**Method Summary**

HTRoomId	<b>getRoom1()</b>
HTRoomId	<b>getRoom2()</b>
void	<b>setRoom1</b> (HTRoomId newRoom1)
void	<b>setRoom2</b> (HTRoomId newRoom2)

### Methods inherited from class com.hoteltools.messages.HTTPmsMessage

getJmsType, getTransactionId, setTransactionId

### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

#### (A) room1

```
private HTRoomId room1
```

The first guest being swapped.

#### (B) room2

```
private HTRoomId room2
```

The second guest being swapped.

### Constructor Detail

#### (C) HTGuestSwap

```
public HTGuestSwap()
```

### Method Detail

#### (D) getRoom1

```
public HTRoomId getRoom1()
```

**Returns:**

com.hoteltools.messages.HTRoomId

#### (E) getRoom2

```
public HTRoomId getRoom2()
```

**Returns:**

com.hoteltools.messages.HTRoomId

#### (F) setRoom1

[illegible]

**Parameters:**  
newRoomId - com.hoteltools.messages.HTRoomId

```
public void setRoom2(HTRoomId newRoom2)
```

newRoom2 - com.hoteltools.messages.HTRoomId

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## Class HTKeyCardCreate

```
+--com.hoteltools.messages.HTMessage
    |
    +--com.hoteltools.messages.HTPmsMessage
        |
        +--com.hoteltools.messages.HTKeyCardCreate
```

An HTKeyCardCreate confirms that a key card was created. Usage: sent by the network transceiver to the PMS in response to HTRequestKeyCardCreate.

### Serialized Form

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private short	<u>count</u>	Number of keys created.
private java.lang.String	<u>displayText</u>	Text displayed on the key card machine at the front desk.
private int	<u>encoder</u>	Key card encoder that created the key.
private HTKeyCardCreateError	<u>error</u>	Error code (whether key was created).
private java.lang.String	<u>errorText</u>	Textual error description.
private int	<u>terminal</u>	PMS terminal identifier.

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

jmsType, transactionId

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

#### Constructor Summary

HTKeyCardCreate()

#### Method Summary

short	<u>getCount()</u>
java.lang.String	<u>getDisplayText()</u>
int	<u>getEncoder()</u>
HTKeyCardCreateError	<u>getError()</u>
java.lang.String	<u>getErrorText()</u>
int	<u>getTerminal()</u>
void	<u>setCount</u> (short newCount)
void	<u>setDisplayText</u> (java.lang.String newDisplayText)
void	<u>setEncoder</u> (int newEncoder)
void	<u>setError</u> (HTKeyCardCreateError newError)

	void <u>setErrorText</u> (java.lang.String newErrorText)
	void <u>setTerminal</u> (int newTerminal)

	void <u>setErrorText</u> (java.lang.String newErrorText)
	void <u>setTerminal</u> (int newTerminal)

Methods inherited from class `com.hoteltools.messages.HTPmsMessage`  
`getJmsType`, `getTransactionId`, `setTransactionId`

Methods inherited from class `com.hoteltools.messages.HTPmsMessage`  
`getJmsType`, `getTransactionId`, `setTransactionId`

Methods inherited from class `com.hoteltools.messages.HTMessage`  
`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`

Methods inherited from class `com.hoteltools.messages.HTMessage`  
`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`

```
Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

```
Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

Field Detail	
--------------	--

Field Detail	
--------------	--

Field Detail
(A) encoder
private int encoder Key card encoder that created the key.

Field Detail
(A) encoder
private int encoder Key card encoder that created the key.

Field Detail
(A) encoder
<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal

Field Detail
(A) encoder
<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal
<pre>private int terminal</pre> <p>PMS terminal identifier.</p>

Field Detail
(A) encoder
<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal
<pre>private int terminal</pre> <p>PMS terminal identifier.</p>

Field Detail
(A) encoder
<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal
<pre>private int terminal</pre> <p>PMS terminal identifier.</p>
(C) count

Field Detail
(A) encoder
<pre>private int encoder     Key card encoder that created the key.</pre>
(B) terminal
<pre>private int terminal     PMS terminal identifier.</pre>
(C) count
<pre>private short count     Number of keys created.</pre>

Field Detail
(A) encoder
<pre>private int encoder     Key card encoder that created the key.</pre>
(B) terminal
<pre>private int terminal     PMS terminal identifier.</pre>
(C) count
<pre>private short count     Number of keys created.</pre>

Field Detail	
(A) encoder	
private int <b>encoder</b> Key card encoder that created the key.	
(B) terminal	
private int <b>terminal</b> PMS terminal identifier.	
(C) count	
private short <b>count</b> Number of keys created.	
(D) displayText	
private java.lang.String <b>displayText</b> Label and marking at the front desk	

Field Detail	
(A) encoder	<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal	<pre>private int terminal</pre> <p>PMS terminal identifier.</p>
(C) count	<pre>private short count</pre> <p>Number of keys created.</p>
(D) displayText	<pre>private java.lang.String displayText</pre> <p>Text displayed on the key card machine at the front desk.</p>

Field Detail	
(A) encoder	<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal	<pre>private int terminal</pre> <p>PMS terminal identifier.</p>
(C) count	<pre>private short count</pre> <p>Number of keys created.</p>
(D) displayText	<pre>private java.lang.String displayText</pre> <p>Text displayed on the key card machine at the front desk.</p>

Field Detail
<p>(A) <code>encoder</code></p> <pre>private int <b>encoder</b>     Key card encoder that created the key.</pre>
<p>(B) <code>terminal</code></p> <pre>private int <b>terminal</b>     PMS terminal identifier.</pre>
<p>(C) <code>count</code></p> <pre>private short <b>count</b>     Number of keys created.</pre>
<p>(D) <code>displayText</code></p> <pre>private java.lang.String <b>displayText</b>     Text displayed on the key card machine at the front desk.</pre>
<p>(E) <code>error</code></p> <pre>private <u>HTKeyCardCreateError</u> <b>error</b>     Error code (whether key was created).</pre>

Field Detail
<p>(A) <code>encoder</code></p> <pre>private int <b>encoder</b>     Key card encoder that created the key.</pre>
<p>(B) <code>terminal</code></p> <pre>private int <b>terminal</b>     PMS terminal identifier.</pre>
<p>(C) <code>count</code></p> <pre>private short <b>count</b>     Number of keys created.</pre>
<p>(D) <code>displayText</code></p> <pre>private java.lang.String <b>displayText</b>     Text displayed on the key card machine at the front desk.</pre>
<p>(E) <code>error</code></p> <pre>private <u>HTKeyCardCreateError</u> <b>error</b>     Error code (whether key was created).</pre>

Field Detail	
(A) encoder	<pre>private int encoder</pre> <p>Key card encoder that created the key.</p>
(B) terminal	<pre>private int terminal</pre> <p>PMS terminal identifier.</p>
(C) count	<pre>private short count</pre> <p>Number of keys created.</p>
(D) displayText	<pre>private java.lang.String displayText</pre> <p>Text displayed on the key card machine at the front desk.</p>
(E) error	<pre>private HTKeyCardCreateError error</pre> <p>Error code (whether key was created).</p>

(F) `errorText`

```
private java.lang.String errorText  
    Textual error description.
```

### Constructor Detail

(G) `HTKeyCardCreate`

```
public HTKeyCardCreate()
```

### Method Detail

(H) `getCount`

```
public short getCount()
```

**Returns:**  
short

---

(I) `getDisplayText`

```
public java.lang.String getDisplayText()
```

**Returns:**  
java.lang.String

---

(J) `getEncoder`

```
public int getEncoder()
```

**Returns:**  
int

---

(K) `getError`

```
public HTKeyCardCreateError getError()
```

**Returns:**  
com.hoteltools.messages.HTKeyCardCreateError

---

(L) `getErrorText`

```
public java.lang.String getErrorText()
```

**Returns:**  
java.lang.String

---

(M) `getTerminal`

```
public int getTerminal()
```

**Returns:**  
int

---

(N) [setCount](#)

public void **setCount**(short newCount)

**Parameters:**

newCount - short

---

(O) [setDisplayText](#)

public void **setDisplayText**(java.lang.String newDisplayText)

**Parameters:**

newDisplayText - java.lang.String

---

(P) [setEncoder](#)

public void **setEncoder**(int newEncoder)

**Parameters:**

newEncoder - int

---

(Q) [setError](#)

public void **setError**(HTKeyCardCreateError newError)

**Parameters:**

newError - com.hoteltools.messages.HTKeyCardCreateError

---

(R) [setErrorText](#)

public void **setErrorText**(java.lang.String newErrorText)

**Parameters:**

newErrorText - java.lang.String

---

(S) [setTerminal](#)

public void **setTerminal**(int newTerminal)

**Parameters:**

newTerminal - int

---

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## com.hoteltools.messages

### Class HTKeyLink

```

java.lang.Object
  +--com.hoteltools.messages.HTMessage
        +--com.hoteltools.messages.HTPmsMessage
              +--com.hoteltools.messages.HTKeyLink
    
```

public final class **HTKeyLink**  
 extends [HTPmsMessage](#)

An HTKeyLink tells whether or not the Key Card system link has been established. Usage: sent by the network transceiver to the PMS in response to a HTRequestKeyLink.

**See Also:**

[Serialized Form](#)

#### **Field Summary**

private	<a href="#"><b>error</b></a>
<a href="#">HTKeyLinkError</a>	Error code.

#### **Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)**

[jmsType](#), [transactionId](#)

#### **Fields inherited from class [com.hoteltools.messages.HTMessage](#)**

[originSite](#), [sentTime](#)

#### **Constructor Summary**

<a href="#">HTKeyLink</a> ()	
------------------------------	--

#### **Method Summary**

<a href="#">HTKeyLinkError</a>	<a href="#"><b>getError</b></a> ()
--------------------------------	------------------------------------

09088666-062501  
T0529-9998866

```
void setError(HTKeyLinkError newError)
```

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

```
getJmsType, getTransactionId, setTransactionId
```

#### Methods inherited from class com.hoteltools.messages.HTMessage

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

#### Methods inherited from class java.lang.Object

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,  
registerNatives, toString, wait, wait, wait
```

#### Field Detail

(A) error

```
private HTKeyLinkError error  
    Error code.
```

#### Constructor Detail

(B) HTKeyLink

```
public HTKeyLink()
```

#### Method Detail

(C) **getError**

```
public HTKeyLinkError getError()  
Returns:  
    com.hoteltools.messages.HTKeyLinkError
```

(D) **setError**

```
public void setError(HTKeyLinkError newError)  
Parameters:  
    newError - com.hoteltools.messages.HTKeyLinkError
```

**FRAMES**   **NO FRAMES**  
**DETAIL:** FIELD | CONSTR | METHOD

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DETAIL	FIELD	<u>CONSTR</u>   METHOD

### Class HTNoop

```
public final class HTNoop
extends HTTPmsMessage
```

Represents a NO-OP message. Usefull for waking up threads waiting on queues.

**See Also:**

### Serialized Form

## jmsType, transactionId

```
originSite, sentTime
```

## HTNoop ()

```
getJmsType, getTransactionId, setTransactionId
```

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) HTNoop

```
public HTNoop()
```

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DETAIL	FIELD	CONSTR	METHOD

**com.hoteltools.messages**

### Class HTPosPost

```
java.lang.Object
```

```
+--com.hoteltools.messages.HTMessage
    |
    +--com.hoteltools.messages.HTPmsMessage
        |
        +--com.hoteltools.messages.HTPosPost
```

public final class HTPosPost

090806 = 052501

extends [HTPmsMessage](#)

A [HTPosPost](#) is sent in to accept or reject a point of sale posting. Usage: sent by the PMS to the network transceiver in response to a [HTRequestPosPost](#).

See Also:

[Serialized Form](#)

Field Summary	
private <a href="#">HTAccountId</a>	<a href="#">accountId</a> Guest account being charged (from <a href="#">HTRequestPosPost</a> ).
private <a href="#">java.lang.String</a>	<a href="#">comment</a> Comments.
private <a href="#">HTHotelDeviceType</a>	<a href="#">deviceType</a> Type of hotel device that made the posting (from <a href="#">HTRequestPosPost</a> ).
private <a href="#">HTPosPostError</a>	<a href="#">error</a> PMS error for the posting.
private <a href="#">java.lang.String</a>	<a href="#">pmsResponseText</a> PMS response text to hotel device.

Fields inherited from class <a href="#">com.hoteltools.messages.HTPmsMessage</a>
<a href="#">jmsType</a> , <a href="#">transactionId</a>

Fields inherited from class <a href="#">com.hoteltools.messages.HTMessage</a>
<a href="#">originSite</a> , <a href="#">sentTime</a>

Constructor Summary	
<a href="#">HTPosPost</a> ()	

Method Summary	
<a href="#">HTAccountId</a>	<a href="#">getAccountId()</a>
<a href="#">java.lang.String</a>	<a href="#">getComment()</a>
<a href="#">HTHotelDeviceType</a>	<a href="#">getDeviceType()</a>
<a href="#">HTPosPostError</a>	<a href="#">getError()</a>
<a href="#">java.lang.String</a>	<a href="#">getPmsResponseText()</a>
void	<a href="#">setAccountId</a> ( <a href="#">HTAccountId</a> newAccountId)
void	<a href="#">setComment</a> ( <a href="#">java.lang.String</a> newComment)

void	<u>setDeviceType</u> ( <u>HTHotelDeviceType</u> newDeviceType)
void	<u>setError</u> ( <u>HTPosPostError</u> newError)
void	<u>setPmsResponseText</u> (java.lang.String newPmsResponseText)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) accountId

private HTAccountId accountId  
Guest account being charged (from HTRequestPosPost).

(B) deviceType

private HTHotelDeviceType deviceType  
Type of hotel device that made the posting (from HTRequestPosPost).

(C) error

private HTPosPostError error  
PMS error for the posting. Value is "HTPosPostError.None" if the posting was accepted by the PMS.

(D) pmsResponseText

private java.lang.String pmsResponseText  
PMS response text to hotel device.

(E) comment

private java.lang.String comment

## Constructor Detail

(F) `HTPosPost`

```
public HTPosPost()
```

## Method Detail

(G) `getAccountId`

```
public HTAccountId getAccountId()
```

**Returns:**

`com.hoteltools.messages.HTAccountId`

---

(H) `getComment`

```
public java.lang.String getComment()
```

**Returns:**

`java.lang.String`

---

(I) `getDeviceType`

```
public HTHotelDeviceType getDeviceType()
```

**Returns:**

`com.hoteltools.messages.HTHotelDeviceType`

---

(J) `getError`

```
public HTPosPostError getError()
```

**Returns:**

`com.hoteltools.messages.HTPosPostError`

---

(K) `getPmsResponseText`

```
public java.lang.String getPmsResponseText()
```

**Returns:**

`java.lang.String`

---

(L) `setAccountId`

```
public void setAccountId(HTAccountId newAccountId)
```

**Parameters:**

`newAccountId` - `com.hoteltools.messages.HTAccountId`

---

(M) `setComment`

public void **setComment**(java.lang.String newComment)

**Parameters:**

newComment - java.lang.String

---

(N) **setDeviceType**

public void **setDeviceType**([HTHotelDeviceType](#) newDeviceType)

**Parameters:**

newDeviceType - com.hoteltools.messages.HTHotelDeviceType

---

(O) **setError**

public void **setError**([HTPosPostError](#) newError)

**Parameters:**

newError - com.hoteltools.messages.HTPosPostError

---

(P) **setPmsResponseText**

public void **setPmsResponseText**(java.lang.String newPmsResponseText)

**Parameters:**

newPmsResponseText - java.lang.String

---

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---

## com.hoteltools.messages

### Class HTTPost

java.lang.Object

|  
+-[com.hoteltools.messages.HTMessage](#)  
|



```

+com.hoteltools.messages.HTPmsMessage
|
+com.hoteltools.messages.HTPost

```

public final class **HTPost**  
 extends HTPmsMessage

An HTPost is used to send a simple account posting. Usage: sent by the network transceiver to the PMS.

**See Also:**

Serialized Form

Field Summary	
private java.lang.String	<u>agentName</u> Agent who made the post.
private <u>HTCurrency</u>	<u>amount</u> Charge amount.
private java.lang.String	<u>description</u> Description of item.
private <u>HTHotelDeviceType</u>	<u>deviceType</u> Type of hotel device that made the posting.
private int	<u>duration</u> Duration of the event (in seconds).
private <u>HTFolioId</u>	<u>folioId</u> Guest account being charged.
private java.lang.String	<u>revenueCode</u> Revenue code.
private java.util.Date	<u>time</u> Time of this posting.

Fields inherited from class com.hoteltools.messages.HTPmsMessage
<u>insType</u> , <u>transactionId</u>

Fields inherited from class com.hoteltools.messages.HTMessage
<u>originSite</u> , <u>sentTime</u>

Constructor Summary	
<u>HTPost()</u>	

Method Summary	
java.lang.String	<u>getAgentName</u> ()
<u>HTCurrency</u>	<u>getAmount</u> ()

T05290-062501

java.lang.String	<u>getDescription()</u>
HTHotelDeviceType	<u>getDeviceType()</u>
int	<u>getDuration()</u>
HTFolioId	<u>getFolioId()</u>
java.lang.String	<u>getRevenueCode()</u>
java.util.Date	<u>getTime()</u>
void	<u>setAgentName</u> (java.lang.String newAgentName)
void	<u>setAmount</u> (HTCurrency newAmount)
void	<u>setDescription</u> (java.lang.String newDescription)
void	<u>setDeviceType</u> (HTHotelDeviceType newDeviceType)
void	<u>setDuration</u> (int newDuration)
void	<u>setFolioId</u> (HTFolioId newFolioId)
void	<u>setRevenueCode</u> (java.lang.String newRevenueCode)
void	<u>setTime</u> (java.util.Date newTime)

#### **Methods inherited from class com.hoteltools.messages.HTPmsMessage**

getJmsType, getTransactionId, setTransactionId

#### **Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### **Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### **Field Detail**

(A) time

private java.util.Date time  
Time of this posting.

# 2025 RELEASE UNDER E.O. 14176

**Returns:**  
java.lang.String

---

(K) getAmount

public HTCurrency getAmount()

**Returns:**  
com.hoteltools.messages.HTCurrency

---

(L) getDescription

public java.lang.String getDescription()

**Returns:**  
java.lang.String

---

(M) getDeviceType

public HTHotelDeviceType getDeviceType()

**Returns:**  
com.hoteltools.messages.HTHotelDeviceType

---

(N) getDuration

public int getDuration()

**Returns:**  
int

---

(O) getFolioId

public HTFolioId getFolioId()

**Returns:**  
com.hoteltools.messages.HTFolioId

---

(P) getRevenueCode

public java.lang.String getRevenueCode()

**Returns:**  
java.lang.String

---

(Q) getTime

public java.util.Date getTime()

**Returns:**  
java.util.Date

---

(R) setAgentName

public void **setAgentName**(java.lang.String newAgentName)

**Parameters:**

newAgentName - java.lang.String

---

(S) setAmount

public void **setAmount**(HTCurrency newAmount)

**Parameters:**

newAmount - com.hoteltools.messages.HTCurrency

---

(T) setDescription

public void **setDescription**(java.lang.String newDescription)

**Parameters:**

newDescription - java.lang.String

---

(U) setDeviceType

public void **setDeviceType**(HTHotelDeviceType newDeviceType)

**Parameters:**

newDeviceType - com.hoteltools.messages.HTHotelDeviceType

---

(V) setDuration

public void **setDuration**(int newDuration)

**Parameters:**

newDuration - int

---

(W) setFolioId

public void **setFolioId**(HTFolioId newFolioId)

**Parameters:**

newFolioId - com.hoteltools.messages.HTFolioId

---

(X) setRevenueCode

public void **setRevenueCode**(java.lang.String newRevenueCode)

**Parameters:**

newRevenueCode - java.lang.String

---

(Y) setTime

public void **setTime**(java.util.Date newTime)

**Parameters:**

newTime - java.util.Date

**com.hoteltools.messages**

## Class HTRequestCheckIn

```
java.lang.Object
├── +com.hoteltools.messages.HTMessage
│   └── +com.hoteltools.messages.HTPmsMessage
│       └── +com.hoteltools.messages.HTRequestCheckIn
```

```
public final class HttpRequestCheckIn
extends HTPmsMessage
```

An HTRequestCheckIn is used to request the check in/out status of all rooms within a particular range of rooms. The PMS should respond with a HTCheckOut or a HTCheckIn for each room. Usage: sent by network transceiver to the PMS.

**See Also:**

## Serialized Form

Field Summary	
private short	<u>fromPhone</u> The room phone extension of the first room in the range to query.
private short	<u>toPhone</u> The room phone extension of the last room in the range to query.

Fields inherited from class `com.hoteltools.messages.HTTPmsMessage`

0983366-062501

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary**

HTRequestCheckIn()

**Method Summary**short **getFromPhone**()short **getToPhone**()void **setFromPhone**(short newFromPhone)void **setToPhone**(short newToPhone)**Methods inherited from class com.hoteltools.messages.HTPmsMessage**

getJmsType, getTransactionId, setTransactionId

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Field Detail**

(A) fromPhone

private short **fromPhone**

The room phone extension of the first room in the range to query.

(B) toPhone

private short **toPhone**

The room phone extension of the last room in the range to query.

**Constructor Detail**

(C) HTRequestCheckIn

public HTRestCheckIn()

## Method Detail

(D) `getFromPhone`

public short `getFromPhone()`

**Returns:**  
short

(E) `setFromPhone`

public void `setFromPhone`(short newFromPhone)

**Parameters:**  
newFromPhone - short

(F) `getToPhone`

public short `getToPhone()`

**Returns:**  
short

(G) `setToPhone`

public void `setToPhone`(short newToPhone)

**Parameters:**  
newToPhone - short

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## com.hoteltools.messages

### Class HTRquestExpressCheckOut

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTRquestExpressCheckOut
```

public final class **HTRquestExpressCheckOut**

extends [HTPmsMessage](#)

An HTRquestExpressCheckOut is used to request an express guest checkout. The PMS should respond with both a HTExpressCheckOut and a HTCheckOut. Usage: sent by network transceiver to the PMS.

See Also:

[Serialized Form](#)

#### **Field Summary**

private <a href="#">balance</a>	
<a href="#">HTCurrency</a>	The amount the guest has agreed to pay.
private <a href="#">folioId</a>	
<a href="#">HTFolioId</a>	The folio identifier.

#### **Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)**

[jmsType](#), [transactionId](#)

#### **Fields inherited from class [com.hoteltools.messages.HTMessage](#)**

[originSite](#), [sentTime](#)

#### **Constructor Summary**

[HTRquestExpressCheckOut\(\)](#)

#### **Method Summary**

<a href="#">HTCurrency</a>	<a href="#">getBalance()</a>
<a href="#">HTFolioId</a>	<a href="#">getFolioId()</a>
void	<a href="#">setBalance</a> ( <a href="#">HTCurrency</a> newBalance)
void	<a href="#">setFolioId</a> ( <a href="#">HTFolioId</a> newFolioId)

**Methods inherited from class com.hoteltools.messages.HTPmsMessage**

getJmsType, getTransactionId, setTransactionId

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Field Detail**

(A) folioId

private HTFolioId folioId  
The folio identifier.

(B) balance

private HTCurrency balance  
The amount the guest has agreed to pay.

**Constructor Detail**

(C) HTRequestExpressCheckOut

public HTRequestExpressCheckOut()

**Method Detail**

(D) getBalance

public HTCurrency getBalance()  
**Returns:**  
com.hoteltools.messages.HTCurrency

(E) getFolioId

public HTFolioId getFolioId()  
**Returns:**  
com.hoteltools.messages.HTFolioId

(F) setBalance

050055-065017

newBalance - com.hoteltools.messages.HTCurrency

```
public void setFolioId(HTFolioId newFolioId)
```

newFolioId - com.hoteltools.messages.HTFolioId

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SUMMARY: INNER | FIELD | CONSTR | METHOD

**FRAMES**   **NO FRAMES**  
DETAIL: FIELD | CONSTR | METHOD

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SUMMARY: INNER | FIELD | CONSTR | METHOD

<u>FRAMES</u>	<u>NO FRAMES</u>	
DETAIL:	FIELD   CONSTR   METHOD	

## Class `HttpRequestFolioHeaders`

```

+com.hoteltools.messages.HTMessage
|
+com.hoteltools.messages.HTPmsMessage
|
+com.hoteltools.messages.HTRequestFolioHeaders

```

```
extends HTTPMessage
```

An `HttpRequestFolioHeaders` is used to request the guest folio headers. The PMS should respond with a `HTFolioHeaderList`. Usage: sent by the network transceiver to the PMS.

### Serialized Form

## 142

private	<u>folioId</u>
HTFolioId	The folio identifier.

<b>Fields inherited from class com.hoteltools.messages.HTPmsMessage</b>
jmsType, transactionId

<b>Fields inherited from class com.hoteltools.messages.HTMessage</b>
originSite, sentTime

<b>Constructor Summary</b>
HTRequestFolioHeaders()

<b>Method Summary</b>
HTFolioId <u>getFolioId</u> ()
void <u>setFolioId</u> (HTFolioId newFolioId)

<b>Methods inherited from class com.hoteltools.messages.HTPmsMessage</b>
getJmsType, getTransactionId, setTransactionId

<b>Methods inherited from class com.hoteltools.messages.HTMessage</b>
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

<b>Methods inherited from class java.lang.Object</b>
, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

<b>Field Detail</b>
(A) folioId

```
private HTFolioId folioId
    The folio identifier.
```

<b>Constructor Detail</b>
(B) HTRequestFolioHeaders

```
public HTRequestFolioHeaders()
```

## Method Detail

### (C) `getFolioId`

```
public HTFolioId getFolioId()
```

**Returns:**

`com.hoteltools.messages.HTFolioId`

---

### (D) `setFolioId`

```
public void setFolioId(HTFolioId newFolioId)
```

**Parameters:**

`newFolioId` - `com.hoteltools.messages.HTFolioId`

---

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---

## `com.hoteltools.messages`

### Class `HTRequestFolioRecords`

```
java.lang.Object
```

```
├── +com.hoteltools.messages.HTMessage
```

```
│   ├── +com.hoteltools.messages.HTPmsMessage
```

```
│       └── +com.hoteltools.messages.HTRequestFolioRecords
```

---

```
public final class HTRequestFolioRecords
```

```
extends HTPmsMessage
```

An `HTRequestFolioRecords` is used to request the guest folio records. The PMS should respond with a `HTFolioRecordList`. Usage: sent by the network transceiver to the PMS.

**See Also:**

**Field Summary**

private	<u>folioId</u>
<u>HTFolioId</u>	The folio identifier.

**Fields inherited from class com.hoteltools.messages.HTPmsMessage**

<u>jmsType</u> , <u>transactionId</u>
---------------------------------------

**Fields inherited from class com.hoteltools.messages.HTMessage**

<u>originSite</u> , <u>sentTime</u>
-------------------------------------

**Constructor Summary**

<u>HTRequestFolioRecords()</u>	
--------------------------------	--

**Method Summary**

<u>HTFolioId</u>	<u>getFolioId()</u>
void	<u>setFolioId</u> ( <u>HTFolioId</u> newFolioId)

**Methods inherited from class com.hoteltools.messages.HTPmsMessage**

<u>getJmsType</u> , <u>getTransactionId</u> , <u>setTransactionId</u>
---

**Methods inherited from class com.hoteltools.messages.HTMessage**

<u>getOriginSite</u> , <u>getSentTime</u> , <u>setOriginSite</u> , <u>setSentTime</u> , <u>setSentTime</u>
--

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait
---

**Field Detail**(A) folioId

```
private HTFolioId folioId
    The folio identifier.
```

**Constructor Detail**(B) HTRequestFolioRecords

public HTRRequestFolioRecords ()

## Method Detail

(C) [getFolioId](#)

public [HTFolioId](#) [getFolioId](#)()

### Returns:

com.hoteltools.messages.HTFolioId

(D) [setFolioId](#)

public void [setFolioId](#)([HTFolioId](#) newFolioId)

### Parameters:

newFolioId - com.hoteltools.messages.HTFolioId

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## [com.hoteltools.messages](#)

### [Class HTRRequestKeyCardCreate](#)

java.lang.Object

|

+ [com.hoteltools.messages.HTMessage](#)

|

+ [com.hoteltools.messages.HTPmsMessage](#)

|

+ [com.hoteltools.messages.HTRRequestKeyCardCreate](#)

public final class [HTRRequestKeyCardCreate](#)

extends [HTPmsMessage](#)

An `HTRequestKeyCardCreate` is used to create a key card. The network transceiver will respond with a `HTKeyCardCreate` message. Please note that a `HTRequestKeyLink` must be issued prior to all `HTRequestKeyCardCreate` messages. Usage: sent by PMS to the network transceiver.

**See Also:**

[Serialized Form](#)

Field Summary	
private java.lang.String	<u>accountName</u> The account number (or name).
private java.lang.String[]	<u>additionalRooms</u> Additional rooms to allow this key card to access (3 max).
private short	<u>count</u> Number of keys to create.
private java.lang.String	<u>displayText</u> Text to display on the key card machine at the front desk.
private int	<u>encoder</u> Key card encoder to send to.
private java.lang.String	<u>guestFirstName</u> The first name of the guest.
private java.lang.String	<u>guestLastName</u> The last name of the guest.
private HTKeyCardType	<u>keyType</u> Key card type.
private java.lang.String	<u>operatorName</u> Operator who created this card.
private java.lang.String	<u>roomName</u> The room number (or name).
private HTRoomType	<u>roomType</u> Type of room.
private HTKeyCardSecurity	<u>security</u> Security attributes for the key card.
private HTGuestStay	<u>stay</u> Stay information for guest.
private int	<u>terminal</u> PMS terminal identifier.
private java.lang.String[]	<u>track</u> Extra information on the key card (2 max).
private boolean	<u>vip</u> Is this a VIP?

**Fields inherited from class `com.hoteltools.messages.HTPmsMessage`**

`imsType`, `transactionId`

**Fields inherited from class `com.hoteltools.messages.HTMessage`**

`originSite`, `sentTime`



**Constructor Summary**

HTRequestKeyCardCreate()

**Method Summary**

java.lang.String	<u>getAccountName</u> ()
java.lang.String[]	<u>getAdditionalRooms</u> ()
short	<u>getCount</u> ()
java.lang.String	<u>getDisplayText</u> ()
int	<u>getEncoder</u> ()
java.lang.String	<u>getGuestFirstName</u> ()
java.lang.String	<u>getGuestLastName</u> ()
HTKeyCardType	<u>getKeyType</u> ()
java.lang.String	<u>getOperatorName</u> ()
java.lang.String	<u>getRoomName</u> ()
HTRoomType	<u>getRoomType</u> ()
HTKeyCardSecurity	<u>getSecurity</u> ()
HTGuestStay	<u>getStay</u> ()
int	<u>getTerminal</u> ()
java.lang.String[]	<u>getTrack</u> ()
boolean	<u>isVip</u> ()
void	<u>setAccountName</u> (java.lang.String newAccountName)
void	<u>setAdditionalRooms</u> (java.lang.String[] newAdditionalRooms)
void	<u>setCount</u> (short newCount)
void	<u>setDisplayText</u> (java.lang.String newDisplayText)
void	<u>setEncoder</u> (int newEncoder)

void	<u>setGuestFirstName</u> (java.lang.String newGuestFirstName)
void	<u>setGuestLastName</u> (java.lang.String newGuestLastName)
void	<u>setKeyType</u> (HTKeyCardType newKeyType)
void	<u>setOperatorName</u> (java.lang.String newOperatorName)
void	<u>setRoomName</u> (java.lang.String newRoomName)
void	<u>setRoomType</u> (HTRoomType newRoomType)
void	<u>setSecurity</u> (HTKeyCardSecurity newSecurity)
void	<u>setStay</u> (HTGuestStay newStay)
void	<u>setTerminal</u> (int newTerminal)
void	<u>setTrack</u> (java.lang.String[] newTrack)
void	<u>setVip</u> (boolean newVip)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) encoder

private int encoder  
Key card encoder to send to.

---

(B) terminal

private int terminal

PMS terminal identifier.

---

(C) `operatorName`

`private java.lang.String operatorName`  
Operator who created this card.

---

(D) `count`

`private short count`  
Number of keys to create.

---

(E) `keyType`

`private HTKeyCardType keyType`  
Key card type.

---

(F) `displayText`

`private java.lang.String displayText`  
Text to display on the key card machine at the front desk.

---

(G) `security`

`private HTKeyCardSecurity security`  
Security attributes for the key card. The key card defaults will be used for any fields that are null or empty.

---

(H) `guestFirstName`

`private java.lang.String guestFirstName`  
The first name of the guest.

---

(I) `guestLastName`

`private java.lang.String guestLastName`  
The last name of the guest.

---

(J) `accountName`

`private java.lang.String accountName`  
The account number (or name).

---

(K) `roomName`

private java.lang.String **roomName**  
The room number (or name).

---

(L) stay

private HTGuestStay **stay**  
Stay information for guest.

---

(M) roomType

private HTRoomType **roomType**  
Type of room.

---

(N) vip

private boolean **vip**  
Is this a VIP?

---

(O) additionalRooms

private java.lang.String[] **additionalRooms**  
Additional rooms to allow this key card to access (3 max).

---

(P) track

private java.lang.String[] **track**  
Extra information on the key card (2 max).

---

#### Constructor Detail

(Q) HTRequestKeyCardCreate

public HTRequestKeyCardCreate()

#### Method Detail

(R) getAdditionalRooms

public java.lang.String[] **getAdditionalRooms()**

**Returns:**  
java.lang.String[]

---

(S) getCount

public short **getCount()**

**Returns:**  
short

0988866-062501

1050

```
public java.lang.String getDisplayText()
```

**Returns:**

java.lang.String

(U) getEncoder

```
public int getEncoder()
```

**Returns:**

int

(V) `getGuestFirstName`

```
public java.lang.String getGuestFirstName()
```

**Returns:**

java.lang.String

(W) getGuestLastName

```
public java.lang.String getGuestLastName()
```

**Returns:**

java.lang.String

(X) `getAccountName`

```
public java.lang.String getAccountName()
```

**Returns:**

java.lang.String

(Y) `getRoomName`

```
public java.lang.String getRoomName()
```

**Returns:**

java.lang.String

(Z) getKeyType

```
public HCKeyCardType getKeyType()
```

**Returns:**

com.hoteltools.messages.HTKeyCardType

(AA) `getOperatorName`

09886E-0501

---

(BB) getRoomType

**Returns:**  
com.hoteltools.messages.HTRoomType

```
public HTKeyCardSecurity getSecurity()
Returns:
com.hoteltools.messages.HTKeyCardSecurity
```

```
public HTGuestStay getStay()
```

**Returns:**  
com.hoteltools.messages.HTGuestStay

```
public int getTerminal()
    Returns:
    int
```

```
public java.lang.String[] getTrack()
Returns:
java.lang.String[]
```

```
public boolean isVip()
    Returns:
    boolean
```

```
public void setAdditionalRooms(java.lang.String[] newAdditionalRooms)
```

**Parameters:**  
newAdditionalRooms - java.lang.String[]

067501

**Parameters:**  
newCount - short

**Parameters:**  
newDisplayText - java.lang.String

**Parameters:**  
newEncoder - int

**Parameters:**  
newGuestFirstName - java.lang.String

**Parameters:**  
newGuestLastName - java.lang.String

**Parameters:**  
newAccountName - java.lang.String

**Parameters:**  
newRoomName - java.lang.String

## LIT/706561.1

**Parameters:**

newKeyType - com.hoteltools.messages.HTKeyCardType

---

(QQ) setOperatorName

---

public void **setOperatorName**(java.lang.String newOperatorName)

**Parameters:**

newOperatorName - java.lang.String

---

(RR) setRoomType

---

public void **setRoomType**(HTRoomType newRoomType)

**Parameters:**

newRoomType - com.hoteltools.messages.HTRoomType

---

(SS) setSecurity

---

public void **setSecurity**(HTKeyCardSecurity newSecurity)

**Parameters:**

newSecurity - com.hoteltools.messages.HTKeyCardSecurity

---

(TT) setStay

---

public void **setStay**(HTGuestStay newStay)

**Parameters:**

newStay - com.hoteltools.messages.HTGuestStay

---

(UU) setTerminal

---

public void **setTerminal**(int newTerminal)

**Parameters:**

newTerminal - int

---

(VV) setTrack

---

public void **setTrack**(java.lang.String[] newTrack)

**Parameters:**

newTrack - java.lang.String[]

---

(WW) setVip

---

public void **setVip**(boolean newVip)

**Parameters:**

newVip - boolean

---



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## com.hoteltools.messages

### Class HTRequestKeyLink

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTRequestKeyLink
    
```

public final class **HTRequestKeyLink**  
 extends [HTPmsMessage](#)

An HTRequestKeyLink is used to initialize the key link system. Usage: sent by PMS to the network transceiver. A HTKeyLink will be sent in response.

**See Also:**

[Serialized Form](#)

#### Field Summary

private <a href="#">security</a> HTKeyCardSecurity	Default security data for the key card system.
---	--

#### Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)

msgType, transactionId

#### Fields inherited from class [com.hoteltools.messages.HTMessage](#)

originSite, sentTime

03030606 "05201  
 102226 9998880

### Constructor Summary

HTRequestKeyLink()	
--------------------	--

### Method Summary

HTKeyCardSecurity	getSecurity()
-------------------	---------------

void	setSecurity(HTKeyCardSecurity newSecurity)
------	--

### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId
--

### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
---

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait
---

### Field Detail

(A) security

private HTKeyCardSecurity security

Default security data for the key card system. These values are used if they are not specified in the HTKeyCardCreate.

### Constructor Detail

(B) HTRequestKeyLink

public HTRequestKeyLink()

### Method Detail

(C) getSecurity

public HTKeyCardSecurity getSecurity()

#### Returns:

com.hoteltools.messages.HTKeyCardSecurity

(D) setSecurity

public void **setSecurity**([HTKeyCardSecurity](#) newSecurity)

**Parameters:**

newSecurity - [com.hoteltools.messages.HTKeyCardSecurity](#)

---

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---

## **com.hoteltools.messages**

### **Class HTRequestPosPost**

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTRequestPosPost
```

---

```
public final class HTRequestPosPost
extends HTPmsMessage
```

An HTRequestPosPost is used to send a Point of Sale posting. This type of posting requires an authorization response (see HTPosPost). Usage: sent by the network transceiver to the PMS.

**See Also:**

private HTAccountId	accountId	Guest account being charged.
private java.lang.String	agentName	Agent who made the post.
private HTPcsCharge	charge	The total charge.
private HTPosCheck	check	The guest check.
private HTHotelDeviceType	deviceType	Type of hotel device that made the posting.
private int	duration	Duration of the event (in seconds).
private HTPcsLineItem[]	lineItems	Individual line-item charges.
private HTPosTerminalId	posId	POS terminal the charge was from.
private java.lang.String	tenderName	Tender key name (or number).
private java.util.Date	time	Time of this transaction.
private java.lang.String	transactionName	Transaction id (or name).

```
imsType, transactionId
```

```
originSite, sentTime
```

HTRequestPosPost()	
--------------------	--

HTAccount:Id	getAccountId()
java.lang.String	getAgentName()
HTPosCharge	getCharge()
HTPosCheck	getCheck()

HTHotelDeviceType	<u>getDeviceType</u> ()
int	<u>getDuration</u> ()
HTPosLineItem[]	<u>getLineItems</u> ()
HTPosTerminalId	<u>getPosId</u> ()
java.lang.String	<u>getTenderName</u> ()
java.util.Date	<u>getTime</u> ()
java.lang.String	<u>getTransactionName</u> ()
void	<u>setAccountId</u> (HTAccountId newAccountId)
void	<u>setAgentName</u> (java.lang.String newAgentName)
void	<u>setCharge</u> (HTPosCharge newCharge)
void	<u>setCheck</u> (HTPosCheck newCheck)
void	<u>setDeviceType</u> (HTHotelDeviceType newDeviceType)
void	<u>setDuration</u> (int newDuration)
void	<u>setLineItems</u> (HTPosLineItem[] newLineItems)
void	<u>setPosId</u> (HTPosTerminalId newPosId)
void	<u>setTenderName</u> (java.lang.String newTenderName)
void	<u>setTime</u> (java.util.Date newTime)
void	<u>setTransactionName</u> (java.lang.String newTransactionName)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) `transactionName`

private java.lang.String **transactionName**  
Transaction id (or name).

(B) `time`

private java.util.Date **time**  
Time of this transaction.

(C) `deviceType`

private HTHotelDeviceType **deviceType**  
Type of hotel device that made the posting.

(D) `posId`

private HTPosTerminalId **posId**  
POS terminal the charge was from.

(E) `agentName`

private java.lang.String **agentName**  
Agent who made the post.

(F) `accountId`

private HTAccountId **accountId**  
Guest account being charged.

(G) `charge`

private HTPosCharge **charge**  
The total charge.

(H) `check`

private HTPosCheck **check**  
The guest check.

0988886-063501

(J) duration

(K) lineItems

Constructor Detail	
--------------------	--

```
public HttpRequestPosPost()
```

(N) `getAgentName`

(O) getCharge

(P) getCheck

---

(Q) `getDeviceType`

public HTHotelDeviceType **getDeviceType**()  
**Returns:**  
com.hoteltools.messages.HTHotelDeviceType

---

(R) **getDuration**

---

public int **getDuration**()  
**Returns:**  
int

---

(S) **getLineItems**

---

public HTPosLineItem[] **getLineItems**()  
**Returns:**  
com.hoteltools.messages.HTPosLineItem[]

---

(T) **getPosId**

---

public HTPosTerminalId **getPosId**()  
**Returns:**  
com.hoteltools.messages.HTPosTerminalId

---

(U) **getTenderName**

---

public java.lang.String **getTenderName**()  
**Returns:**  
java.lang.String

---

(V) **getTime**

---

public java.util.Date **getTime**()  
**Returns:**  
java.util.Date

---

(W) **getTransactionName**

---

public java.lang.String **getTransactionName**()  
**Returns:**  
java.lang.String

---

(X) **setAccountId**

---

public void **setAccountId**(HTAccountId newAccountId)  
**Parameters:**  
newAccountId - com.hoteltools.messages.HTAccountId



---

(Y) `setAgentName`

public void **setAgentName**(java.lang.String newAgentName)

**Parameters:**

newAgentName - java.lang.String

---

(Z) `setCharge`

public void **setCharge**(HTPosCharge newCharge)

**Parameters:**

newCharge - com.hoteltools.messages.HTPosCharge

---

(AA) `setCheck`

public void **setCheck**(HTPosCheck newCheck)

**Parameters:**

newCheck - com.hoteltools.messages.HTPosCheck

---

(BB) `setDeviceType`

public void **setDeviceType**(HTHotelDeviceType newDeviceType)

**Parameters:**

newDeviceType - com.hoteltools.messages.HTHotelDeviceType

---

(CC) `setDuration`

public void **setDuration**(int newDuration)

**Parameters:**

newDuration - int

---

(DD) `setLineItems`

public void **setLineItems**(HTPosLineItem[] newLineItems)

**Parameters:**

newLineItems - com.hoteltools.messages.HTPosLineItem[]

---

(EE) `setPosId`

public void **setPosId**(HTPosTerminalId newPosId)

**Parameters:**

newPosId - com.hoteltools.messages.HTPosTerminalId

---

(FF) `setTenderName`

03030605:051501

newTenderName - java.lang.String

(GG) setTime

**Parameters:**

newTime - java.util.Date

(HH) `setTransactionName`

### Parameters:

newTransactionName - java.lang.String

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**com.hoteltools.messages**

## Class HTRequestRoomList

```
java.lang.Object
├── +com.hoteltools.messages.HTMessage
│   └── +com.hoteltools.messages.HTPmsMessage
│       └── +com.hoteltools.messages.HTRequestRoomList
```

```
extends HTPmsMessage
```

Requests the list of all rooms from the PMS. Usage: sent by network transceiver to the PMS.

**See Also:**

### Serialized Form

Fields inherited from class `com.hoteltools.messages.HTPmsMessage`

jmsType, transactionId

### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

### Constructor Summary

HTRequestRoomList()

### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Constructor Detail

(A) HTRequestRoomList

```
public HTRequestRoomList()
```

---

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## Class HTRequestRoomMsgCounts

```
java.lang.Object
|
+--com.hoteltools.messages.HTMessage
|   |
|   +--com.hoteltools.messages.HTFmsMessage
|       |
|       +--com.hoteltools.messages.HTRequestRoomMsgCounts
```

```
public final class HTRequestRoomMsgCounts
    extends HTPmsMessage
```

An `HTRequestRoomMsgCounts` is used by PMS to get the room message counts. Usage: sent by PMS to the network transceiver.

**See Also:**

Serialized Form

Field Summary	
private HTFolioId	<u>folioId</u> Folio to retrieve counts for.
private HTRoomMsgType	<u>roomMsgType</u> Message type to retrieve.

```
Fields inherited from class com.hoteltools.messages.HTPmsMessage
imsType, transactionId
```

Fields inherited from class `com.hoteltools.messages.HTMessage`  
`originSite`, `sentTime`

Constructor Summary	
HTRequestRoomMsgCounts ()	

Method Summary	
<u>HTFolioId</u>	<u>getFolioId()</u>
<u>HTRoomMsgType</u>	<u>getRoomMsgType()</u>
<u>void</u>	<u>setFolioId(HTFolioId newFolioId)</u>
<u>void</u>	<u>setRoomMsgType(HTRoomMsgType newRoomMsgType)</u>

```
getSmstype, getTransactionId, setTransactionId
```

**Methods inherited from class `com.hoteltools.messages.HTMessage`**

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

### Methods inherited from class `java.lang.Object`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

### Field Detail

(A) folioid

```
private HTFolioId folioId
    Folio to retrieve counts for.
```

(B) roomMsgType

private HTRoomMsgType roomMsgType  
 Message type to retrieve.

### Constructor Detail

(C) HTRequestRoomMsgCounts

```
public HTRequestRoomMsgCounts()
```

### Method Detail

(D) `getFolioId`

**Returns:**  
com.hoteltools.messages.HTFolioId

(E) setFoliold

```
public void setFolioId(HTFolioId newFolioId)
```

**Parameters:**  
newFolioId - com.hoteltools.messages.HTFolioId

(F) `getRoomMsgType`

```
public HTRoomMsgType getRoomMsgType()
```

**Returns:**  
com.hoteltools.messages.HTRoomMsgType

---

(G) [setRoomMsgType](#)

public void [setRoomMsgType](#)([HTRoomMsgType](#) newRoomMsgType)

**Parameters:**  
newRoomMsgType - com.hoteltools.messages.HTRoomMsgType

---

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---

## com.hoteltools.messages

### Class HTRequestRoomMsgs

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|
|   +-com.hoteltools.messages.HTPmsMessage
|   |
|   |   +-com.hoteltools.messages.HTRequestRoomMsgs
```

---

public final class [HTRequestRoomMsgs](#)  
extends [HTPmsMessage](#)

An HTRequestRoomMsgs is used by the network transceiver to retrieve a guest message. The PMS should respond with a HTRoomMsgList. Usage: sent by network transceiver to the PMS.

**See Also:**  
[Serialized Form](#)

---

Field Summary	
private java.lang.String	<u>accountName</u> The account number (or name) charged for the message.
private short	<u>id</u> Message to retrieve.
private java.lang.String	<u>roomName</u> The room number (or name).

Fields inherited from class com.hoteltools.messages.HTPmsMessage
<u>insType</u> , <u>transactionId</u>

Fields inherited from class com.hoteltools.messages.HTMessage
<u>originSite</u> , <u>sentTime</u>

Constructor Summary	
<u>HTRequestRoomMags</u> ()	

Method Summary	
java.lang.String	<u>getAccountName</u> ()
short	<u>getId</u> ()
java.lang.String	<u>getRoomName</u> ()
void	<u>setAccountName</u> (java.lang.String newAccountName)
void	<u>setId</u> (short newId)
void	<u>setRoomName</u> (java.lang.String newRoomName)

Methods inherited from class com.hoteltools.messages.HTPmsMessage
<u>getJmsType</u> , <u>getTransactionId</u> , <u>setTransactionId</u>

Methods inherited from class com.hoteltools.messages.HTMessage
<u>getOriginSite</u> , <u>getSentTime</u> , <u>setOriginSite</u> , <u>setSentTime</u> , <u>setSentTime</u>

Methods inherited from class java.lang.Object
<u>clone</u> , <u>equals</u> , <u>finalize</u> , <u>getClass</u> , <u>hashCode</u> , <u>notify</u> , <u>notifyAll</u> , <u>registerNatives</u> , <u>toString</u> , <u>wait</u> , <u>wait</u> , <u>wait</u>

[illegible]

```
private java.lang.String roomName
    The room number (or name).
```

```
private java.lang.String accountName
    The account number (or name) charged for the message.
```

`private short id`  
 Message to retrieve. If this field is -1, then all messages for the specified room should be returned by the PMS.

## (D) HTRequestRoomMsgs

## Method Detail

```
public java.lang.String getAccountName()
```

(F) getId

**Returns:**  
short

```
public java.lang.String getRoomName()
```

(H) setAccountName

```
public void setAccountName(java.lang.String newAccountName)
```



**Parameters:**

newAccountName - java.lang.String

(I) setId

public void setId(short newId)

**Parameters:**

newId - short

(J) setRoomName

public void setRoomName(java.lang.String newRoomName)

**Parameters:**

newRoomName - java.lang.String

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**com.hoteltools.messages****Class HTRestRoomStatus**

java.lang.Object

+com.hoteltools.messages.HTMessage

+com.hoteltools.messages.HTPmsMessage

+com.hoteltools.messages.HTRestRoomStatus

public final class HTRestRoomStatus

extends [HTPmsMessage](#)

An `HTRequestRoomStatus` is used to request the status of the room. Usage: sent by both the network transceiver and the PMS.

See Also:

[Serialized Form](#)

#### Field Summary

private	<code>roomId</code>
<code>HTRoomId</code>	The room identifier.

#### Fields inherited from class `com.hoteltools.messages.HTPmsMessage`

`msgType`, `transactionId`

#### Fields inherited from class `com.hoteltools.messages.HTMessage`

`originSite`, `sentTime`

#### Constructor Summary

`HTRequestRoomStatus()`

#### Method Summary

<code>HTRoomId</code>	<code>getRoomId()</code>
<code>void</code>	<code>setRoomId(HTRoomId newRoomId)</code>

#### Methods inherited from class `com.hoteltools.messages.HTPmsMessage`

`getMsgType`, `getTransactionId`, `setTransactionId`

#### Methods inherited from class `com.hoteltools.messages.HTMessage`

`getOriginSite`, `getSentTime`, `setOriginSite`, `setSentTime`, `setSentTime`

#### Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `registerNatives`, `toString`, `wait`, `wait`, `wait`

#### Field Detail

(A) `roomId`

```
private HTRoomId roomId
```

05000000000000000000000000000000

### Constructor Detail

---

(B) HTRequestRoomStatus

```
public HTRequestRoomStatus()
```

## Method Detail

(C) `getRoomId`

```
public HTRoomId getRoomId()
```

**Returns:**

com.hoteltools.messages.HTRoomId

(D) `setRoomId`

```
public void setRoomId(HTRoomId newRoomId)
```

**Parameters:**

```
newRoomId - com.hoteltools.messages.HTRoomId
```

---

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**FRAMES**   **NO FRAMES**  
**DETAIL:** FIELD | CONSTR | METHOD

com.hoteltools.messages

Class HTRestoreVoiceMail

```
java.lang.Object
```

```

|
+com.hoteltools.messages.HTMessage
|
+com.hoteltools.messages.HTPmsMessage
|
+com.hoteltools.messages.HTRestoreVoiceMail

```

public final class **HTRestoreVoiceMail**  
extends [HTPmsMessage](#)

An HTRestoreVoiceMail is the message used to restore guest voicemail. Usage: sent by PMS to the network transceiver.

See Also:

[Serialized Form](#)

#### Field Summary

private short	<a href="#">phone</a>	The room phone extension.
---------------	-----------------------	---------------------------

#### Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)

[jmsType](#), [transactionId](#)

#### Fields inherited from class [com.hoteltools.messages.HTMessage](#)

[originSite](#), [sentTime](#)

#### Constructor Summary

[HTRestoreVoiceMail\(\)](#)

#### Method Summary

short	<a href="#">getPhone()</a>
void	<a href="#">setPhone</a> (short newPhone)

#### Methods inherited from class [com.hoteltools.messages.HTPmsMessage](#)

[getJmsType](#), [getTransactionId](#), [setTransactionId](#)

#### Methods inherited from class [com.hoteltools.messages.HTMessage](#)

[getOriginSite](#), [getSentTime](#), [setOriginSite](#), [setSentTime](#), [setSentTime](#)

#### Methods inherited from class [java.lang.Object](#)

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [registerNatives](#), [toString](#), [wait](#), [wait](#), [wait](#)

#### Field Detail

(A) phone

private short phone  
The room phone extension.

#### Constructor Detail

(B) `HTRestoreVoiceMail`

public `HTRestoreVoiceMail()`

#### Method Detail

(C) `getPhone`

public short `getPhone()`

**Returns:**  
short

(D) `setPhone`

public void `setPhone`(short newPhone)

**Parameters:**  
newPhone - short

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### [com.hoteltools.messages](#)

#### [Class HTRestrictPhone](#)

`java.lang.Object`  
|  
+-[com.hoteltools.messages.HTMessage](#)

```

+com.hoteltools.messages.HTPmsMessage
+com.hoteltools.messages.HTRestrictPhone

```

public final class **HTRestrictPhone**  
 extends **HTPmsMessage**

An HTRestrictPhone is the message used to set the phone restrictions. Usage: sent by PMS to the network transceiver.

**See Also:**

[Serialized Form](#)

#### Field Summary

private <b>HTCurrency</b>	<b>creditLimit</b>	Credit limit for phone.
private short	<b>phone</b>	The room phone extension.
private <b>HTPhoneAuthType</b>	<b>phoneAuthType</b>	Phone call authorization.

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

jmsType, transactionId

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

#### Constructor Summary

<b>HTRestrictPhone()</b>	
Default constructor	
<b>HTRestrictPhone(short phone)</b>	
Initializing constructor	

#### Method Summary

<b>HTCurrency</b>	<b>getCreditLimit()</b>
short	<b>getPhone()</b>
<b>HTPhoneAuthType</b>	<b>getPhoneAuthType()</b>
void	<b>setCreditLimit(HTCurrency newCreditLimit)</b>
void	<b>setPhone(short newPhone)</b>
void	<b>setPhoneAuthType(HTPhoneAuthType newPhoneAuthType)</b>

--	--

  

<b>Methods inherited from class com.hoteltools.messages.HTPmsMessage</b>
--

getJmsType, getTransactionId, setTransactionId
--

<b>Methods inherited from class com.hoteltools.messages.HTMessage</b>
---

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
---

<b>Methods inherited from class java.lang.Object</b>
--

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait
---

<b>Field Detail</b>
---------------------

(A) phone

private short phone  
The room phone extension.

---

(B) phoneAuthType

private HTPhoneAuthType phoneAuthType  
Phone call authorization.

---

(C) creditLimit

private HTCurrency creditLimit  
Credit limit for phone.

<b>Constructor Detail</b>
---------------------------

(D) HTRestrictPhone

public HTRestrictPhone()  
Default constructor

---

(E) HTRestrictPhone

public HTRestrictPhone(short phone)  
Initializing constructor

<b>Method Detail</b>
----------------------

(F) getCreditLimit

public [HTCurrency](#) [getCreditLimit](#)()  
**Returns:**  
com.hoteltools.messages.HTCurrency

---

(G) [getPhoneAuthType](#)

public [HTPhoneAuthType](#) [getPhoneAuthType](#)()  
**Returns:**  
com.hoteltools.messages.HTPhoneAuthType

---

(H) [getPhone](#)

public short [getPhone](#)()  
**Returns:**  
short

---

(I) [setCreditLimit](#)

public void [setCreditLimit](#)([HTCurrency](#) newCreditLimit)  
**Parameters:**  
newCreditLimit - com.hoteltools.messages.HTCurrency

---

(J) [setPhoneAuthType](#)

public void [setPhoneAuthType](#)([HTPhoneAuthType](#) newPhoneAuthType)  
**Parameters:**  
newPhoneAuthType - short

---

(K) [setPhone](#)

public void [setPhone](#)(short newPhone)  
**Parameters:**  
newPhone - short

---

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---



## com.hoteltools.messages

### Class HTRoomList

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTRoomList
    
```

public final class **HTRoomList**  
 extends [HTPmsMessage](#)

An **HTRoomList** contains a list of rooms for the property. It is used to initialize the hotel devices. Usage: sent by PMS to the network transceiver in response to a **HTRequestRoomList**.

**See Also:**

[Serialized Form](#)

#### **Field Summary**

	private	<b>rooms</b>	
java.lang.String[]			Room numbers (or names) of all rooms in the property.

#### **Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)**

[jmsType](#), [transactionId](#)

#### **Fields inherited from class [com.hoteltools.messages.HTMessage](#)**

[originSite](#), [sentTime](#)

#### **Constructor Summary**

<b>HTRoomList()</b>			
	Default constructor		
<b>HTRoomList</b> (java.lang.String[] rooms)			
	Initializing constructor		

Method Summary	
java.lang.String[]	<a href="#">getRooms()</a>
void	<a href="#">setRooms</a> (java.lang.String[] newRooms)

Methods inherited from class com.hoteltools.messages.HTPmsMessage
<a href="#">getJmsType</a> , <a href="#">getTransactionId</a> , <a href="#">setTransactionId</a>

Methods inherited from class com.hoteltools.messages.HTMessage
<a href="#">getOriginSite</a> , <a href="#">getSentTime</a> , <a href="#">setOriginSite</a> , <a href="#">setSentTime</a> , <a href="#">setSentTime</a>

Methods inherited from class java.lang.Object
<a href="#">clone</a> , <a href="#">equals</a> , <a href="#">finalize</a> , <a href="#">getClass</a> , <a href="#">hashCode</a> , <a href="#">notify</a> , <a href="#">notifyAll</a> , <a href="#">registerNatives</a> , <a href="#">toString</a> , <a href="#">wait</a> , <a href="#">wait</a> , <a href="#">wait</a>

Field Detail
--------------

(A) rooms

```
private java.lang.String[] rooms
    Room numbers (or names) of all rooms in the property.
```

Constructor Detail
--------------------

(B) HTRoomList

```
public HTRoomList()
    Default constructor
```

(C) HTRoomList

```
public HTRoomList(java.lang.String[] rooms)
    Initializing constructor
Parameters:
    rooms - java.lang.String[]
```

Method Detail
---------------

(D) getRooms

```
public java.lang.String[] getRooms()
Returns:
    java.lang.String[]
```

(E) setRooms

[illegible]

```
newRooms - java.lang.String[]
```

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<u>FRAMES</u>	<u>NO FRAMES</u>	
DETAIL	FIELD	CONSTR   METHOD

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<u>FRAMES</u>	<u>NO FRAMES</u>	
DETAIL: FIELD   CONSTR   METHOD		

## Class HTRoomMsgCounts

public final class **HTRoomMsgCounts**  
extends **HTPmsMessage**

An `HTRoomMsgCounts` contains all of the waiting message counts for a guest. Usage: sent by network transceiver in response to `HTRequestRoomMsgCounts`. It is also sent by PMS to the network transceiver when the room message counts change.

**See Also:**

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<u>HTRoomMsgType</u>	Type of messages.
private int <u>unread</u>	Unread messages.
private int <u>urgent</u>	Urgent messages.

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

jmsType, transactionId

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

#### Constructor Summary

HTRoomMsgCounts()

#### Method Summary

<u>HTFolioId</u>	<u>getFolioId()</u>
int	<u>getRead()</u>
<u>HTRoomMsgType</u>	<u>getRoomMsgType()</u>
int	<u>getUnread()</u>
int	<u>getUrgent()</u>
void	<u>setFolioId</u> ( <u>HTFolioId</u> newFolioId)
void	<u>setRead</u> (int newRead)
void	<u>setRoomMsgType</u> ( <u>HTRoomMsgType</u> newRoomMsgType)
void	<u>setUnread</u> (int newUnread)
void	<u>setUrgent</u> (int newUrgent)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) folioId

private **HTFolioId** folioId  
The folio identifier.

(B) roomMsgType

private **HTRoomMsgType** roomMsgType  
Type of messages.

(C) unread

private int unread  
Unread messages.

(D) read

private int read  
Read messages.

(E) urgent

private int urgent  
Urgent messages.

### Constructor Detail

(F) HTRoomMsgCounts

public **HTRoomMsgCounts**()

### Method Detail

(G) getFolioId

public **HTFolioId** getFolioId()  
**Returns:**  
com.hoteltools.messages.HTFolioId

(H) `getRoomMsgType`

```
public HTRoomMsgType getRoomMsgType()
```

**Returns:**  
`com.hoteltools.messages.HTRoomMsgType`

---

(I) `getRead`

```
public int getRead()
```

**Returns:**  
`int`

---

(J) `getUnread`

```
public int getUnread()
```

**Returns:**  
`int`

---

(K) `getUrgent`

```
public int getUrgent()
```

**Returns:**  
`int`

---

(L) `setFolioId`

```
public void setFolioId(HTFolioId newFolioId)
```

**Parameters:**  
`newFolioId` - `com.hoteltools.messages.HTFolioId`

---

(M) `setRoomMsgType`

```
public void setRoomMsgType(HTRoomMsgType newRoomMsgType)
```

**Parameters:**  
`newRoomMsgType` - `com.hoteltools.messages.HTRoomMsgType`

---

(N) `setRead`

```
public void setRead(int newRead)
```

**Parameters:**  
`newRead` - `int`

---

(O) `setUnread`

```
public void setUnread(int newUnread)
```

**Parameters:**  
newUnread - int

(P) [setUrgent](#)

public void [setUrgent](#)(int newUrgent)

**Parameters:**  
newUrgent - int

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## [com.hoteltools.messages](#)

### [Class HTRoomMsgList](#)

```
java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTRoomMsgList
```

public final class [HTRoomMsgList](#)  
extends [HTPmsMessage](#)

An [HTRoomMsgList](#) is a list of the room messages. Usage: sent by PMS to the network transceiver in response to a [HTRequestRoomMsg](#).

**See Also:**

[Serialized Form](#)

Field Summary	
private	<a href="#">msgs</a>

HTRoomMsg[] Room messages.

#### Fields inherited from class com.hoteltools.messages.HTPmsMessage

msgType, transactionId

#### Fields inherited from class com.hoteltools.messages.HTMessage

originSite, sentTime

#### Constructor Summary

HTRoomMsgList()

#### Method Summary

HTRoomMsg[] getMsgs()

void setMsgs(HTRoomMsg[] newMsgs)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getMsgType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) msgs

private HTRoomMsg[] msgs  
Room messages.

#### Constructor Detail

(B) HTRoomMsgList

public HTRoomMsgList()

#### Method Detail



(C) `getMsgs`

```
public HTRoomMsg[] getMsgs()
```

**Returns:**

`com.hoteltools.messages.HTRoomMsg`[]

---

(D) `setMsgs`

```
public void setMsgs(HTRoomMsg[] newMsgs)
```

**Parameters:**

`newMsgs` - `com.hoteltools.messages.HTRoomMsg`[]

---

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---

## `com.hoteltools.messages`

### Class `HTRoomMsgList`

```
java.lang.Object
```

```
├── com.hoteltools.messages.HTMessage  
│   ├── com.hoteltools.messages.HTPmsMessage  
│   └── com.hoteltools.messages.HTRoomMsgList
```

---

```
public final class HTRoomMsgList
```

```
extends HTPmsMessage
```

An `HTRoomMsgList` is a list of the room messages. Usage: sent by PMS to the network transceiver in response to a `HTRequestRoomMsg`.

**See Also:**

[Serialized Form](#)

**Field Summary**

private	<b>msgs</b>	
HTRoomMsg[]		Room messages.

**Fields inherited from class com.hoteltools.messages.HTPmsMessage**

msgType, transactionId
------------------------

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime
----------------------

**Constructor Summary**

HTRoomMsgList()	
-----------------	--

**Method Summary**

HTRoomMsg[]	<b>getMsgs()</b>
void	<b>setMsgs</b> (HTRoomMsg[] newMsgs)

**Methods inherited from class com.hoteltools.messages.HTPmsMessage**

getMsgType, getTransactionId, setTransactionId
--

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
---

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait
---

**Field Detail**

(A) msgs

```
private HTRoomMsg[] msgs
    Room messages.
```

**Constructor Detail**

(B) HTRoomMsgList

public [HTRoomMsgList](#)()

## Method Detail

(C) [getMsgs](#)

public [HTRoomMsg](#)[] [getMsgs](#)()

**Returns:**

[com.hoteltools.messages.HTRoomMsg](#)[]

(D) [setMsgs](#)

public void [setMsgs](#)([HTRoomMsg](#)[] newMsgs)

**Parameters:**

newMsgs - [com.hoteltools.messages.HTRoomMsg](#)[]

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## [com.hoteltools.messages](#)

### [Class HTRoomMsgStatus](#)

[java.lang.Object](#)

|  
+ [com.hoteltools.messages.HTMessage](#)

|  
+ [com.hoteltools.messages.HTPmsMessage](#)

|  
+ [com.hoteltools.messages.HTRoomMsgStatus](#)

public final class [HTRoomMsgStatus](#)

extends [HTPmsMessage](#)



void	<b>setRead</b> (boolean newRead)
void	<b>setTime</b> (java.util.Date newTime)

#### Methods inherited from class com.hoteltools.messages.HTPmsMessage

getJmsType, getTransactionId, setTransactionId

#### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) **accountName**

private java.lang.String **accountName**  
The account number (or name).

(B) **id**

private short **id**  
Message identifier (unique for the room).

(C) **time**

private java.util.Date **time**  
Date/time message was read or marked for deletion.

(D) **read**

private boolean **read**  
PMS should mark the message as "read".

(E) **deleted**

private boolean **deleted**  
PMS should delete the room message.

#### Constructor Detail

(F) **HTRoomMsgStatus**

public HTRoomMsgStatus()

### Method Detail

(G) `getAccountName`

public java.lang.String `getAccountName()`

**Returns:**  
java.lang.String

(H) `getId`

public short `getId()`

**Returns:**  
short

(I) `getTime`

public java.util.Date `getTime()`

**Returns:**  
java.util.Date

(J) `isDeleted`

public boolean `isDeleted()`

**Returns:**  
boolean

(K) `isRead`

public boolean `isRead()`

**Returns:**  
boolean

(L) `setAccountName`

public void `setAccountName`(java.lang.String newAccountName)

**Parameters:**  
newAccountName - java.lang.String

(M) `setDeleted`

public void `setDeleted`(boolean newDeleted)

**Parameters:**  
newDeleted - boolean

(N) `setId`

```
public void setId(short newId)
```

**Parameters:**

`newId` - short

---

(O) `setRead`

```
public void setRead(boolean newRead)
```

**Parameters:**

`newRead` - boolean

---

(P) `setTime`

```
public void setTime(java.util.Date newTime)
```

**Parameters:**

`newTime` - java.util.Date

---

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## **com.hoteltools.messages**

### **Class HTRoomStatus**

```
java.lang.Object
```

```
|  
+--com.hoteltools.messages.HTMessage
```

```
|  
|   +--com.hoteltools.messages.HTFmsMessage
```

```
|  
|   +--com.hoteltools.messages.HTRoomStatus
```

---

public final class **HTRoomStatus**  
 extends [HTPmsMessage](#)

An HTRoomStatus is used to indicate a change in the operational state of the room. Usage:  
 sent by both the PMS and the network transceiver.

**See Also:**

[Serialized Form](#)

#### Field Summary

private <a href="#">HTRoomId</a>	<a href="#">roomId</a>
	Room identifier.
private <a href="#">HTRoomStatusType</a>	<a href="#">status</a>
	New status of the room.

#### Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)

[jmsType](#), [transactionId](#)

#### Fields inherited from class [com.hoteltools.messages.HTMessage](#)

[originSite](#), [sentTime](#)

#### Constructor Summary

[HTRoomStatus](#)()

#### Method Summary

<a href="#">HTRoomId</a>	<a href="#">getRoomId</a> ()
<a href="#">HTRoomStatusType</a>	<a href="#">getStatus</a> ()
void	<a href="#">setRoomId</a> ( <a href="#">HTRoomId</a> newRoomId)
void	<a href="#">setStatus</a> ( <a href="#">HTRoomStatusType</a> newStatus)

#### Methods inherited from class [com.hoteltools.messages.HTPmsMessage](#)

[getJmsType](#), [getTransactionId](#), [setTransactionId](#)

#### Methods inherited from class [com.hoteltools.messages.HTMessage](#)

[getOriginSite](#), [getSentTime](#), [setOriginSite](#), [setSentTime](#), [setSentTime](#)

#### Methods inherited from class [java.lang.Object](#)



, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Field Detail

(A) roomId

private HTRoomId roomId  
Room identifier.

(B) status

private HTRoomStatusType status  
New status of the room.

#### Constructor Detail

(C) HTRoomStatus

public HTRoomStatus()

#### Method Detail

(D) getRoomId

public HTRoomId getRoomId()  
**Returns:**  
com.hoteltools.messages.HTRoomId

(E) getStatus

public HTRoomStatusType getStatus()  
**Returns:**  
HTRoomStatusType

(F) setRoomId

public void setRoomId(HTRoomId newRoomId)  
**Parameters:**  
newRoomId - com.hoteltools.messages.HTRoomId

(G) setStatus

public void setStatus(HTRoomStatusType newStatus)  
**Parameters:**  
newStatus - com.hoteltools.messages.HTRoomStatusType

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## com.hoteltools.messages

### Class HTRoomStatusChange

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
    |
    +-com.hoteltools.messages.HTPmsMessage
        |
        +-com.hoteltools.messages.HTRoomStatusChange
    
```

public final class **HTRoomStatusChange**  
 extends [HTPmsMessage](#)

An HTRoomStatusChange is used to indicate a change in the operational state of the room.  
 Usage: sent by both the PMS and the network transceiver.

**See Also:**

[Serialized Form](#)

Field Summary	
private short	<a href="#">phone</a> The room phone extension.
private <a href="#">HTRoomStatusType</a>	<a href="#">status</a> New status of the room.

#### Fields inherited from class [com.hoteltools.messages.HTPmsMessage](#)

[jmsType](#), [transactionId](#)

**Fields inherited from class com.hoteltools.messages.HTMessage**

originSite, sentTime

**Constructor Summary**

HTRoomStatusChange()

**Method Summary**

short	<u>getPhone</u> ()
HTRoomStatusType	<u>getStatus</u> ()
void	<u>setPhone</u> (short newPhone)
void	<u>setStatus</u> (HTRoomStatusType newStatus)

**Methods inherited from class com.hoteltools.messages.HTPmsMessage**

getTmsType, getTransactionId, setTransactionId

**Methods inherited from class com.hoteltools.messages.HTMessage**

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

**Methods inherited from class java.lang.Object**

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

**Field Detail**

(A) phone

private short **phone**  
The room phone extension.

(B) status

private HTRoomStatusType **status**  
New status of the room.

**Constructor Detail**

(C) HTRoomStatusChange

public **HTRoomStatusChange**()

## Method Detail

(D) **getPhone**

public short **getPhone**()

**Returns:**

short

---

(E) **getStatus**

public **HTRoomStatusType** **getStatus**()

**Returns:**

HTRoomStatusType

---

(F) **setPhone**

public void **setPhone**(short newPhone)

**Parameters:**

newPhone - short

---

(G) **setStatus**

public void **setStatus**(**HTRoomStatusType** newStatus)

**Parameters:**

newStatus - com.hoteltools.messages.HTRoomStatusType

---

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```
java.lang.Object
|
+--com.hoteltools.messages.HTMMessage
    |
    +--com.hoteltools.messages.HTRuMessage
```

**Direct Known Subclasses:**

HTRpmFile, HTRpmUpdate

```
public abstract class HTRuMessage
```

extends HTMessage

This class is the base class for all Remote Update messages sent between the network transceiver and the ASP.

**See Also:**

### Serialized Form

## Field Summary

```
static java.lang.String jmsType
```

**Fields inherited from class `com.hoteltools.messages.HTMessage`**

```
originSite, servertime
```

## Constructor Summary

HTRuMessage()

### Method Summary

```
java.lang.String getJmsType()
```

Get the JMS type name for the class, which will be used to select messages from queue.

### Methods inherited from class `com.hoteltools.messages.HTMessage`

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

### Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

Field Detail
--------------

(A) jmsType

```
public static final java.lang.String jmsType
```

Constructor Detail	
--------------------	--

### (B) HTRuMessage

```
public HTRuMessage()
```

### Method Detail

(C) `getJmsType`

```
public final java.lang.String getJmsType()
```

**Description copied from class: HTMessage**

Get the JMS type name for the class, which will be used to select messages from queue. The abstract "major category" classes will implement this method as a final method.

**Overrides:**

getJmsType in class HTMessage

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**com.hoteltools.messages**

## Class HTRpmFile

```

java.lang.Object
|
+-com.hoteltools.messages.HTMessage
|
+-com.hoteltools.messages.ITRuMessage
|

```

public final class **HTRpmFile**

extends **HTRuMessage**

HTRpmFile is the transport for rpm files

**See Also:**

[Serialized Form](#)

Field Summary	
private byte[]	<a href="#">rpmFile</a> RPM file
private java.lang.String	<a href="#">rpmFileName</a> RPM file name
private int	<a href="#">rpmFileSize</a> RPM file size

Fields inherited from class com.hoteltools.messages.HTRuMessage	
jsType	

Fields inherited from class com.hoteltools.messages.HTMessage	
originSite, sentTime	

Constructor Summary	
<a href="#">HTRpmFile()</a>	

Method Summary	
byte[]	<a href="#">getRpmFile()</a>
java.lang.String	<a href="#">getRpmFileName()</a>
int	<a href="#">getRpmFileSize()</a>
void	<a href="#">setRpmFile(byte[] newRpmFile)</a>
void	<a href="#">setRpmFileName(java.lang.String newRpmFileName)</a>
void	<a href="#">setRpmFileSize(int newRpmFileSize)</a>

Methods inherited from class com.hoteltools.messages.HTRuMessage	
getJsType	

```
getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime
```

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) rpmFileName

```
private java.lang.String rpmFileName
```

RPM file name

(B) rpmFileSize

```
private int rpmFileSize
    RPM file size
```

(C) rpmFile

```
private byte[] rpmFile
    RPM file
```

### (D) HTRpmFile

```
public HTRpmFile()
```

(E) `getRpmFileName`

```
public java.lang.String getRpmFileName()  
    Returns:  
    java.lang.String
```

(F) `getRpmFileSize`

```
public int getRpmFileSize()
Returns:
int
```

(G) `getRpmFile`



public byte[] **getRpmFile**()

**Returns:**

byte[]

---

(H) **setRpmFileName**

public void **setRpmFileName**(java.lang.String newRpmFileName)

**Parameters:**

java.lang.String - RPM file name

---

(I) **setRpmFileSize**

public void **setRpmFileSize**(int newRpmFileSize)

**Parameters:**

int - RPM file size

---

(J) **setRpmFile**

public void **setRpmFile**(byte[] newRpmFile)

**Parameters:**

byte[] - RPM file

---

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---

## [com.hoteltools.messages](#)

### [Class HTRpmUpdate](#)

java.lang.Object

|  
+ [com.hoteltools.messages.HTMessage](#)  
|

```

+com.hoteltools.messages.HTRuMessage
|
+com.hoteltools.messages.HTRpmUpdate

```

public final class **HTRpmUpdate**  
 extends [HTRuMessage](#)

An HTRpmUpdate is used to send a new rpm file to a network transceiver

See Also:

[Serialized Form](#)

Field Summary	
private int	<a href="#">event</a>
	Event to execute (0 - Reboot machine, 1 - Restart tbmonitor)
private java.util.Date	<a href="#">eventKickoff</a>
	Time to execute event
private <a href="#">HTRpmFile</a> []	<a href="#">rpmFileList</a>
	RPM file list/array

Fields inherited from class com.hoteltools.messages.HTRuMessage
<a href="#">jmsType</a>

Fields inherited from class com.hoteltools.messages.HTMessage
<a href="#">originSite</a> , <a href="#">sentTime</a>

Constructor Summary	
<a href="#">HTRpmUpdate()</a>	

Method Summary	
int	<a href="#">getEvent()</a>
java.util.Date	<a href="#">getEventKickoff()</a>
<a href="#">HTRpmFile</a> []	<a href="#">getRpmFileList()</a>
void	<a href="#">setEvent(int newEvent)</a>
void	<a href="#">setEventKickoff(java.util.Date newEventKickoff)</a>
void	<a href="#">setRpmFileList(<a href="#">HTRpmFile</a>[] newRpmFileList)</a>

Methods inherited from class com.hoteltools.messages.HTRuMessage
--

getJmsType

### Methods inherited from class com.hoteltools.messages.HTMessage

getOriginSite, getSentTime, setOriginSite, setSentTime, setSentTime

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) eventKickoff

private java.util.Date **eventKickoff**  
Time to execute event

(B) event

private int **event**  
Event to execute (0 - Reboot machine, 1 - Restart tbmonitor)

(C) rpmFileList

private HTRpmFile[] **rpmFileList**  
RPM file list/array

### Constructor Detail

(D) HTRpmUpdate

public HTRpmUpdate()

### Method Detail

(E) getEventKickoff

public java.util.Date **getEventKickoff**()  
**Returns:**  
java.util.Date

(F) getEvent

public int **getEvent**()  
**Returns:**  
int

(G) getRpmFileList

public [HTRpmFile](#)[] [getRpmFileList](#)()

**Returns:**  
[HTRpmFile](#)

---

(H) [setEventKickoff](#)

public void [setEventKickoff](#)([java.util.Date](#) newEventKickoff)

**Parameters:**  
[java.util.Date](#) - Time to execute event

---

(I) [setEvent](#)

public void [setEvent](#)(int newEvent)

**Parameters:**  
int - Event to execute (0 - Do nothing, 1 - Restart tbmonitor, 2 - Reboot machine)

---

(J) [setRpmFileList](#)

public void [setRpmFileList](#)([HTRpmFile](#)[] newRpmFileList)

**Parameters:**  
[HTRpmFile](#)[] - RPM file

---

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## [com.hotelttools.messages](#)

### [Class HTTPhoneAuthType](#)

[java.lang.Object](#)

|  
+-[com.hotelttools.messages.HTTPhoneAuthType](#)

0988866 : 042501

**See Also:**

## Field Summary

## Constructor Summary

### Method Summary

### Methods inherited from class `java.lang.Object`

### Field Detail

208

public static final int **FullAccess**

Valid value of "authcode"; guest is allowed to make any phone call (value = 0, converted to UHLL '0').

---

(B) TollCallsOnly

public static final int **TollCallsOnly**

Valid value of "authcode"; guest is allowed to make credit card toll, local calls, and room to room calls (value = 1, converted to UHLL '2').

---

(C) LocalOnly

public static final int **LocalOnly**

Valid value of "authcode"; guest is allowed local calls and room calls (value = 2, converted to UHLL '3').

---

(D) HotelOnly

public static final int **HotelOnly**

Valid value of "authcode"; guest is only allowed to call room to room (value = 3, converted to UHLL '4').

---

(E) NoPhone

public static final int **NoPhone**

Valid value of "authcode"; guest is not allowed to make any phone calls (value = 4, converted to UHLL '1').

---

(F) value

private int **value**

Phone authorization code value (use one of the static int's above).

**Constructor Detail**

(G) **HTPhoneAuthType**

public **HTPhoneAuthType**()

**Method Detail**

(H) **getValue**

public int **getValue**()

**Returns:**

int

---

(I) **setValue**

public void **setValue**(int newValue)

**Parameters:**

newValue - int

---

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**com.hoteltools.messages**

**Class HTTPmsEventHandler**

java.lang.Object  
|  
+com.hoteltools.messages.HTTPmsEventHandler

---

public class **HTTPmsEventHandler**  
extends java.lang.Object

**Inner Class Summary**

interface	<a href="#">HTTPmsEventHandler.UnknownEventException</a>
-----------	--

**Constructor Summary**

<a href="#">HTTPmsEventHandler()</a>	
--------------------------------------	--

**Method Summary**

(package private) void	<a href="#">event HTCallPost</a> ( <a href="#">HTCallPost</a> msg)
(package private) void	<a href="#">event HTCheckIn</a> ( <a href="#">HTCheckIn</a> msg)

private) void	
(package private) void	event <u>HTCheckOut</u> ( <u>HTCheckOut</u> msg)
(package private) void	event <u>HTCopyMailbox</u> ( <u>HTCopyMailbox</u> msg)
(package private) void	event <u>HTCreditLimit</u> ( <u>HTCreditLimit</u> msg)
(package private) void	event <u>HTDoNotDisturb</u> ( <u>HTDoNotDisturb</u> msg)
(package private) void	event <u>HTError</u> ( <u>HTError</u> msg)
(package private) void	event <u>HTExpressCheckOut</u> ( <u>HTExpressCheckOut</u> msg)
(package private) void	event <u>HTFolioHeaderList</u> ( <u>HTFolioHeaderList</u> msg)
(package private) void	event <u>HTFolioRecordList</u> ( <u>HTFolioRecordList</u> msg)
(package private) void	event <u>HTGuestMove</u> ( <u>HTGuestMove</u> msg)
(package private) void	event <u>HTGuestSwap</u> ( <u>HTGuestSwap</u> msg)
(package private) void	event <u>HTKeyCardCreate</u> ( <u>HTKeyCardCreate</u> msg)
(package private) void	event <u>HTPosPost</u> ( <u>HTPosPost</u> msg)
(package private) void	event <u>HTPost</u> ( <u>HTPost</u> msg)
(package private) void	event <u>HTRequestCheckIn</u> ( <u>HTRequestCheckIn</u> msg)
(package private) void	event <u>HTRequestExpressCheckOut</u> ( <u>HTRequestExpressCheckOut</u> msg)
(package private) void	event <u>HTRequestFolioHeaders</u> ( <u>HTRequestFolioHeaders</u> msg)
(package private) void	event <u>HTRequestFolioRecords</u> ( <u>HTRequestFolioRecords</u> msg)
(package private) void	event <u>HTRequestKeyCardCreate</u> ( <u>HTRequestKeyCardCreate</u> msg)



(package private) void	<b>event</b> <u>HTRequestKeyLink</u> ( <u>HTRequestKeyLink</u> msg)
(package private) void	<b>event</b> <u>HTRequestPosPost</u> ( <u>HTRequestPosPost</u> msg)
(package private) void	<b>event</b> <u>HTRequestRoomList</u> ( <u>HTRequestRoomList</u> msg)
(package private) void	<b>event</b> <u>HTRequestRoomMsgCounts</u> ( <u>HTRequestRoomMsgCounts</u> msg)
(package private) void	<b>event</b> <u>HTRequestRoomMsgs</u> ( <u>HTRequestRoomMsgs</u> msg)
(package private) void	<b>event</b> <u>HTRequestRoomStatus</u> ( <u>HTRequestRoomStatus</u> msg)
(package private) void	<b>event</b> <u>HTRestoreVoiceMail</u> ( <u>HTRestoreVoiceMail</u> msg)
(package private) void	<b>event</b> <u>HTRestrictPhone</u> ( <u>HTRestrictPhone</u> msg)
(package private) void	<b>event</b> <u>HTRoomList</u> ( <u>HTRoomList</u> msg)
(package private) void	<b>event</b> <u>HTRoomMsgCounts</u> ( <u>HTRoomMsgCounts</u> msg)
(package private) void	<b>event</b> <u>HTRoomMsgList</u> ( <u>HTRoomMsgList</u> msg)
(package private) void	<b>event</b> <u>HTRoomMsgStatus</u> ( <u>HTRoomMsgStatus</u> msg)
(package private) void	<b>event</b> <u>HTRoomStatus</u> ( <u>HTRoomStatus</u> msg)
(package private) void	<b>event</b> <u>HTRoomStatusChange</u> ( <u>HTRoomStatusChange</u> msg)
void	<b>event</b> ( <u>HTPmsMessage</u> msg)
Main method, which will call the appropriate "event_" method below.	

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

#### Constructor Detail

(A) HTPmsEventHandler

public HTPmsEventHandler()

## Method Detail

(B) event

public void event(HTPmsMessage msg)  
    throws HTPmsEventHandler.UnknownEventException  
Main method, which will call the appropriate "event\_" method below.

(C) event\_HTCallPost

void event\_HTCallPost(HTCallPost msg)

(D) event\_HTCheckIn

void event\_HTCheckIn(HTCheckIn msg)

(E) event\_HTCheckOut

void event\_HTCheckOut(HTCheckOut msg)

(F) event\_HTCopyMailbox

void event\_HTCopyMailbox(HTCopyMailbox msg)

(G) event\_HTCreditLimit

void event\_HTCreditLimit(HTCreditLimit msg)

(H) event\_HTDoNotDisturb

void event\_HTDoNotDisturb(HTDoNotDisturb msg)

(I) event\_HTErrror

void event\_HTErrror(HTError msg)

(J) event\_HTExpressCheckOut

void event\_HTExpressCheckOut(HTExpressCheckOut msg)

(K) event\_HTFolioHeaderList

void event\_HTFolioHeaderList(HTFolioHeaderList msg)

---

(L) event\_HTFolioRecordList

void event\_HTFolioRecordList(HTFolioRecordList msg)

---

(M) event\_HTGuestMove

void event\_HTGuestMove(HTGuestMove msg)

---

(N) event\_HTGuestSwap

void event\_HTGuestSwap(HTGuestSwap msg)

---

(O) event\_HTKeyCardCreate

void event\_HTKeyCardCreate(HTKeyCardCreate msg)

---

(P) event\_HTPosPost

void event\_HTPosPost(HTPosPost msg)

---

(Q) event\_HTPost

void event\_HTPost(HTPost msg)

---

(R) event\_HTRoomList

void event\_HTRoomList(HTRoomList msg)

---

(S) event\_HTRequestCheckIn

void event\_HTRequestCheckIn(HTRequestCheckIn msg)

---

(T) event\_HTRequestExpressCheckOut

void event\_HTRequestExpressCheckOut(HTRequestExpressCheckOut msg)

---

(U) event\_HTRequestFolioHeaders

void event\_HTRequestFolioHeaders(HTRequestFolioHeaders msg)

---

(V) event\_HTRequestFolioRecords

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```
void event HTRequestKeyCardCreate(HTRequestKeyCardCreate msg)
```

```
void event HTRequestKeyLink(HTRequestKeyLink msg)
```

```
void event_HTRequestPosPost(HTRequestPosPost msg)
```

```
void event HTRequestRoomList(HTRequestRoomList msq)
```

```
void event_HTRequestRoomMsgCounts (HTRequestRoomMsgCounts msg)
```

```
void event HTRequestRoomMsgs(HTRequestRoomMsgs msg)
```

```
void event HTRequestRoomStatus(HTRequestRoomStatus msg)
```

```
void event_HTRestoreVoiceMail(HTRestoreVoiceMail msg)
```

```
void event_HTRestrictPhone(HTRestrictPhone msg)
```

```
void event HTRoomMsgCounts (HTRoomMsgCounts msg)
```

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void [event\\_HTRoomMsgList](#)([HTRoomMsgList](#) msg)

---

(HH) [event\\_HTRoomMsgStatus](#)

---

void [event\\_HTRoomMsgStatus](#)([HTRoomMsgStatus](#) msg)

---

(II) [event\\_HTRoomStatus](#)

---

void [event\\_HTRoomStatus](#)([HTRoomStatus](#) msg)

---

(JJ) [event\\_HTRoomStatusChange](#)

---

void [event\\_HTRoomStatusChange](#)([HTRoomStatusChange](#) msg)

---

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---

## [com.hoteltools.messages](#)

### [Class HTPosCategoryType](#)

```
java.lang.Object
|
+-com.hoteltools.messages.HTPosCategoryType
```

---

public final class [HTPosCategoryType](#)  
extends java.lang.Object  
implements java.io.Serializable

An HTPosCategoryType indicates the type of charge.

See Also:

[Serialized Form](#)

Field Summary	
static int	<u>Beverage</u> Beverage (value = 7, converted to UHLL '2').
static int	<u>Food</u> Food (value = 6, converted to UHLL '1').
static int	<u>General 0</u> General category # 0 (value = 0, converted to UHLL '0').
static int	<u>General 1</u> General category # 1 (value = 1, converted to UHLL '3').
static int	<u>General 2</u> General category # 2 (value = 2, converted to UHLL '4').
static int	<u>General 3</u> General category # 3 (value = 3, converted to UHLL '5').
static int	<u>General 4</u> General category # 4 (value = 4, converted to UHLL '6').
static int	<u>General 5</u> General category # 5 (value = 5, converted to UHLL '7').
private int	<u>value</u> The category type (use one of the static int's above).

Constructor Summary	
HTPosCategoryType()	

Method Summary	
int	<u>getValue()</u>
void	<u>setValue(int newValue)</u>

Methods inherited from class java.lang.Object	
, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait	

Field Detail	
--------------	--

(A) General\_0

```
public static final int General_0
    General category # 0 (value = 0, converted to UHLL '0').
```

(B) General\_1

public static final int **General\_1**  
General category # 1 (value = 1, converted to UHLL '3').

---

(C) General\_2

public static final int **General\_2**  
General category # 2 (value = 2, converted to UHLL '4').

---

(D) General\_3

public static final int **General\_3**  
General category # 3 (value = 3, converted to UHLL '5').

---

(E) General\_4

public static final int **General\_4**  
General category # 4 (value = 4, converted to UHLL '6').

---

(F) General\_5

public static final int **General\_5**  
General category # 5 (value = 5, converted to UHLL '7').

---

(G) Food

public static final int **Food**  
Food (value = 6, converted to UHLL '1').

---

(H) Beverage

public static final int **Beverage**  
Beverage (value = 7, converted to UHLL '2').

---

(I) value

private int **value**  
The category type (use one of the static int's above).

**Constructor Detail**

(J) HTPosCategoryType

public HTPosCategoryType()

**Method Detail**

(K) getValue

public int **getValue**()

**Returns:**

int

---

(L) **setValue**

public void **setValue**(int newValue)

**Parameters:**

newValue - int

---

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---

## **com.hoteltools.messages**

### **Class HTPosCharge**

```
java.lang.Object
|
+-com.hoteltools.messages.HTPosCharge
```

---

public final class **HTPosCharge**

extends java.lang.Object

implements java.io.Serializable

An HTPosCharge is a single charge from a Point of Sale device.

**See Also:**

[Serialized Form](#)

Field Summary	
private <a href="#">HTCurrency</a>	<a href="#">amount</a> POS charge amount.
private <a href="#">chargeType</a>	



<u>HTPosChargeType</u>	Type of charge.
private java.lang.String	<u>description</u> Description of item.
private java.util.Date	<u>expiration</u> Expiration date of payment source (house account/credit card).
private java.lang.String	<u>paymentType</u> Payment type.
private <u>HTCurrency</u>	<u>prepay</u> Pre-payment.
private <u>HTCurrency</u>	<u>tip</u> Amount of tip.

### Constructor Summary

HTPosCharge()

### Method Summary

<u>HTCurrency</u>	<u>getAmount</u> ()
<u>HTPosChargeType</u>	<u>getChargeType</u> ()
java.lang.String	<u>getDescription</u> ()
java.util.Date	<u>getExpiration</u> ()
java.lang.String	<u>getPaymentType</u> ()
<u>HTCurrency</u>	<u>getPrepay</u> ()
<u>HTCurrency</u>	<u>getTip</u> ()
void	<u>setAmount</u> ( <u>HTCurrency</u> newAmount)
void	<u>setChargeType</u> ( <u>HTPosChargeType</u> newChargeType)
void	<u>setDescription</u> (java.lang.String newDescription)
void	<u>setExpiration</u> (java.util.Date newExpiration)
void	<u>setPaymentType</u> (java.lang.String newPaymentType)
void	<u>setPrepay</u> ( <u>HTCurrency</u> newPrepay)
void	<u>setTip</u> ( <u>HTCurrency</u> newTip)

```
, clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

(A) chargeType

private NTPosChargeType chargeType  
Type of charge.

private HTCurrency amount  
POS charge amount.

```
private BTCurrency tip
    Amount of tip.
```

private HTCurrency prepay  
Pre-payment.

```
private java.lang.String paymentType
```

Payment type.

```
private java.util.Date expiration
    Expiration date of payment source (house account/credit card).
```

```
private java.lang.String description
    Description of item.
```

(H) HTPosCharge

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public HTPosCharge()

#### Method Detail

(I) getAmount

public HTCurrency getAmount()

**Returns:**

com.hoteltools.messages.HTCurrency

(J) getChargeType

public HTPosChargeType getChargeType()

**Returns:**

com.hoteltools.messages.HTPosChargeType

(K) getDescription

public java.lang.String getDescription()

**Returns:**

java.lang.String

(L) getExpiration

public java.util.Date getExpiration()

**Returns:**

java.util.Date

(M) getPaymentType

public java.lang.String getPaymentType()

**Returns:**

java.lang.String

(N) getPrepay

public HTCurrency getPrepay()

**Returns:**

com.hoteltools.messages.HTCurrency

(O) getTip

public HTCurrency getTip()

**Returns:**

com.hoteltools.messages.HTCurrency

(P) setAmount

```
public void setAmount(HTCurrency newAmount)
```

**Parameters:**

newAmount - com.hoteltools.messages.HTCurrency

---

(Q) setChargeType

```
public void setChargeType(HTPosChargeType newChargeType)
```

**Parameters:**

newChargeType - com.hoteltools.messages.HTPosChargeType

---

(R) setDescription

```
public void setDescription(java.lang.String newDescription)
```

**Parameters:**

newDescription - java.lang.String

---

(S) setExpiration

```
public void setExpiration(java.util.Date newExpiration)
```

**Parameters:**

newExpiration - java.util.Date

---

(T) setPaymentType

```
public void setPaymentType(java.lang.String newPaymentType)
```

**Parameters:**

newPaymentType - java.lang.String

---

(U) setPrepay

```
public void setPrepay(HTCurrency newPrepay)
```

**Parameters:**

newPrepay - com.hoteltools.messages.HTCurrency

---

(V) setTip

```
public void setTip(HTCurrency newTip)
```

**Parameters:**

newTip - com.hoteltools.messages.HTCurrency

---

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### Method Summary

int [getValue\(\)](#)

void [setValue](#)(int newValue)

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) Void

public static final int **Void**  
Void (value = 0, converted to UHLL '1').

(B) Charge

public static final int **Charge**  
Charge, guest pays hotel (value = 1, converted to UHLL '0').

(C) Credit

public static final int **Credit**  
Credit, hotel pays guest (value = 2, converted to UHLL '2').

(D) value

private int **value**  
The charge type (use one of the static int's above).

### Constructor Detail

(E) HTPosChargeType

public HTPosChargeType()

### Method Detail

(F) [getValue](#)

public int [getValue\(\)](#)  
**Returns:**  
int

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**Parameters:**  
newValue - int

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FRAMES	NO FRAMES
DETAIL: FIELD   CONSTR   METHOD	

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SUMMARY: INNER | FIELD | CONSTR | METHOD

FRAMES		NO FRAMES		METHOD
DETAIL	FIELD	CONSTR		

### Class HTPosCheck

```
java.lang.Object
|
+-com.hoteltools.messages.HTPosCheck
```

```
public final class HTPosCheck
extends java.lang.Object
implements java.io.Serializable
```

An HTPosCheck stores misc check information from a Point of Sale device.

**See Also:**

Serialized Form

Field Summary	
private java.lang.String	<u>checkName</u> Check id (or name).
private short	<u>covers</u> Number of covers.
private java.lang.String	<u>periodName</u> Name of period (such as lunch, dinner, etc).
private java.lang.String	<u>serverName</u>

	Server.
private boolean	<u>split</u>
	Was the check split?
private	<u>tableName</u>
java.lang.String	Table number (or name).

## Constructor Summary

HTPosCheck()

## Method Summary

java.lang.String	<u>getCheckName</u> ()
short	<u>getCovers</u> ()
java.lang.String	<u>getPeriodName</u> ()
java.lang.String	<u>getServerName</u> ()
java.lang.String	<u>getTableName</u> ()
boolean	<u>isSplit</u> ()
void	<u>setCheckName</u> (java.lang.String newCheckName)
void	<u>setCovers</u> (short newCovers)
void	<u>setPeriodName</u> (java.lang.String newPeriodName)
void	<u>setServerName</u> (java.lang.String newServerName)
void	<u>setSplit</u> (boolean newSplit)
void	<u>setTableName</u> (java.lang.String newTableName)

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) checkName

private java.lang.String checkName



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```
private java.lang.String tableName
    Table number (or name).
```

```
private java.lang.String serverName
    Server.
```

```
private java.lang.String periodName
    Name of period (such as lunch, dinner, etc).
```

private short covers  
Number of covers.

```
private boolean split
    Was the check split?
```

(G) HTPosCheck

### Method Detail

```
public java.lang.String getCheckName()
Returns:
java.lang.String
```

```
public short getCovers()
Returns:
short
```

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public java.lang.String **getPeriodName**()

**Returns:**

java.lang.String

---

(K) **getServerName**

public java.lang.String **getServerName**()

**Returns:**

java.lang.String

---

(L) **getTableName**

public java.lang.String **getTableName**()

**Returns:**

java.lang.String

---

(M) **isSplit**

public boolean **isSplit**()

**Returns:**

boolean

---

(N) **setCheckName**

public void **setCheckName**(java.lang.String newCheckName)

**Parameters:**

newCheckName - java.lang.String

---

(O) **setCovers**

public void **setCovers**(short newCovers)

**Parameters:**

newCovers - short

---

(P) **setPeriodName**

public void **setPeriodName**(java.lang.String newPeriodName)

**Parameters:**

newPeriodName - java.lang.String

---

(Q) **setServerName**

public void **setServerName**(java.lang.String newServerName)

**Parameters:**

newServerName - java.lang.String

(R) `setSplit`

```
public void setSplit(boolean newSplit)
```

**Parameters:**

`newSplit` - boolean

(S) `setTableName`

```
public void setTableName(java.lang.String newTableName)
```

**Parameters:**

`newTableName` - java.lang.String

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## **com.hoteltools.messages**

### **Class HTTPosLineItem**

java.lang.Object

|  
+- **com.hoteltools.messages.HTTPosLineItem**

```
public final class HTTPosLineItem
```

```
extends java.lang.Object
```

```
implements java.io.Serializable
```

An HTTPosLineItem is a line item charge from a Point of Sale device.

**See Also:**

[Serialized Form](#)

#### **Field Summary**



## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) `categoryType`

private `HTPosCategoryType` `categoryType`  
POS posting category.

(B) `amount`

private `HTCurrency` `amount`  
POS charge amount.

(C) `tax`

private `HTCurrency` `tax`  
Tax.

(D) `tip`

private `HTCurrency` `tip`  
Amount of tip.

(E) `discount`

private `HTCurrency` `discount`  
Discount.

(F) `serviceCharge`

private `HTCurrency` `serviceCharge`  
Service charge.

(G) `description`

private `java.lang.String` `description`  
Description of item.

## Constructor Detail

(H) `HTPosLineItem`

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#### Method Detail

(I) `getAmount`

```
public HTCurrency getAmount()
```

**Returns:**

com.hoteltools.messages.HTCurrency

(J) getCategoryType

```
public HtPosCategoryType getCategoryType()
```

### Returns:

com.hoteltools.messages.HTPosCategoryType

(K) getDescription

```
public java.lang.String getDescription()
```

**Returns:**

java.lang.String

```
(L) getDiscount
```

```
public HTCurrency getDiscount()
```

## Returns:

com.hoteltools.messages.HTCurrency

(M) getServiceCharge

```
public HTCurrency getServiceCharge()
```

### Returns:

com.hoteltools.messages.HTCurrency

(N) getTax

```
public HTCurrency getTax()
```

**Returns:**

com.hoteltools.messages.HTCurrency

(O) getTip

```
public HTCurrency getTip()
```

### Returns:

com.hoteltools.messages.HTCurrency

(P) `setAmount`

```
public void setAmount(HTCurrency newAmount)
```

**Parameters:**

`newAmount` - `com.hoteltools.messages.HTCurrency`

---

(Q) `setCategoryType`

```
public void setCategoryType(HTPosCategoryType newCategoryType)
```

**Parameters:**

`newCategoryType` - `com.hoteltools.messages.HTPosCategoryType`

---

(R) `setDescription`

```
public void setDescription(java.lang.String newDescription)
```

**Parameters:**

`newDescription` - `java.lang.String`

---

(S) `setDiscount`

```
public void setDiscount(HTCurrency newDiscount)
```

**Parameters:**

`newDiscount` - `com.hoteltools.messages.HTCurrency`

---

(T) `setServiceCharge`

```
public void setServiceCharge(HTCurrency newServiceCharge)
```

**Parameters:**

`newServiceCharge` - `com.hoteltools.messages.HTCurrency`

---

(U) `setTax`

```
public void setTax(HTCurrency newTax)
```

**Parameters:**

`newTax` - `com.hoteltools.messages.HTCurrency`

---

(V) `setTip`

```
public void setTip(HTCurrency newTip)
```

**Parameters:**

`newTip` - `com.hoteltools.messages.HTCurrency`

---

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## com.hoteltools.messages

### Class HTTPosPostError

```

java.lang.Object
|
+-com.hoteltools.messages.HTTPosPostError
    
```

public final class **HTTPosPostError**  
 extends java.lang.Object  
 implements java.io.Serializable

An HTTPosPostError indicates any errors in applying a POS post.

**See Also:**

[Serialized Form](#)

Field Summary	
static int	<a href="#">Accepted</a> No error, posting was accepted (value = 0, converted to UHLL '1').
static int	<a href="#">ApprovalRequired</a> Manager authorization required (value = 2, converted to UHLL '3').
static int	<a href="#">BadAccount</a> Invalid account number (value = 5, converted to UHLL '7').
static int	<a href="#">BadRoom</a> Invalid room number (value = 4, converted to UHLL '6').
static int	<a href="#">Denied</a> Generic error (value = 7, converted to UHLL '0').
static int	<a href="#">GuestCheckedOut</a> The guest has already checked out (value = 3, converted to UHLL '5').
static int	<a href="#">IncompletePost</a>

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	Missing required information (value = 6, converted to UHLL '2').
static int	<b>SplitAccepted</b> No error, split accepted (value = 1, converted to UHLL '4').
private int	<b>value</b> The POS post error value (use one of the static int's above).

Constructor Summary	
<b>HTPosPostError()</b>	

Method Summary	
int	<b>getValue()</b>
void	<b>setValue(int newValue)</b>

Methods inherited from class java.lang.Object	
clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait	

Field Detail
--------------

(A) Accepted

public static final int **Accepted**  
No error, posting was accepted (value = 0, converted to UHLL '1').

(B) SplitAccepted

public static final int **SplitAccepted**  
No error, split accepted (value = 1, converted to UHLL '4').

(C) ApprovalRequired

public static final int **ApprovalRequired**  
Manager authorization required (value = 2, converted to UHLL '3').

(D) GuestCheckedOut

public static final int **GuestCheckedOut**  
The guest has already checked out (value = 3, converted to UHLL '5').

(E) BadRoom

public static final int **BadRoom**  
Invalid room number (value = 4, converted to UHLL '6').

---

(F) **BadAccount**

public static final int **BadAccount**  
Invalid account number (value = 5, converted to UHLL '7').

---

(G) **IncompletePost**

public static final int **IncompletePost**  
Missing required information (value = 6, converted to UHLL '2').

---

(H) **Denied**

public static final int **Denied**  
Generic error (value = 7, converted to UHLL '0').

---

(I) **value**

private int **value**  
The POS post error value (use one of the static int's above).

**Constructor Detail**

(J) **HTPosPostError**

public **HTPosPostError()**

**Method Detail**

(K) **getValue**

public int **getValue()**

**Returns:**

int

---

(L) **setValue**

public void **setValue**(int newValue)

**Parameters:**

newValue - int

---

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**com.hoteltools.messages**

**Class HTPosTerminalId**

```
java.lang.Object
|
+-com.hoteltools.messages.HTPosTerminalId
```

public class **HTPosTerminalId**  
extends java.lang.Object  
implements java.io.Serializable

An HTPosTerminalId uniquely identifies a point of sale terminal.

See Also:

[Serialized Form](#)

**Field Summary**

private	<a href="#">revenueCenterName</a>
java.lang.String	Revenue center name.
private	<a href="#">terminalName</a>
java.lang.String	POS terminal name.

**Constructor Summary**

<a href="#">HTPosTerminalId()</a>	
-----------------------------------	--

**Method Summary**

java.lang.String	<a href="#">getRevenueCenterName()</a>
------------------	--

java.lang.String	<code>getTerminalName()</code>
	<code>void setRevenueCenterName(java.lang.String newRevenueCenterName)</code>
	<code>void setTerminalName(java.lang.String newTerminalName)</code>

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) `revenueCenterName`

private java.lang.String `revenueCenterName`  
Revenue center name.

(B) `terminalName`

private java.lang.String `terminalName`  
POS terminal name.

### Constructor Detail

(C) `HTPosTerminalId`

public `HTPosTerminalId()`

### Method Detail

(D) `getRevenueCenterName`

public java.lang.String `getRevenueCenterName()`  
**Returns:**  
java.lang.String

(E) `getTerminalName`

public java.lang.String `getTerminalName()`  
**Returns:**  
java.lang.String

(F) `setRevenueCenterName`

public void `setRevenueCenterName(java.lang.String newRevenueCenterName)`  
**Parameters:**  
newRevenueCenterName - java.lang.String

---

(G) [setTerminalName](#)

```
public void setTerminalName(java.lang.String newTerminalName)
```

**Parameters:**

newTerminalName - java.lang.String

---

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---

**com.hoteltools.messages**

**Class HTRoom**

```
java.lang.Object  
|  
+-com.hoteltools.messages.HTRoom
```

---

```
public class HTRoom  
extends java.lang.Object  
implements java.io.Serializable
```

An HTRoom contains the room information used to check in a guest.

**See Also:**

[Serialized Form](#)

Field Summary	
private java.lang.String	<a href="#">dataDID</a> Data direct in dial phone number.
private HTRoomId	<a href="#">roomId</a> Room identifier.
private java.lang.String	<a href="#">voiceDID</a> Voice direct in dial phone number.

### Constructor Summary

<b>HTRoom()</b> Default constructor	
--	--

### Method Summary

java.lang.String	<b>getDataDID()</b>
HTRoomId	<b>getRoomId()</b>
java.lang.String	<b>getVoiceDID()</b>
void	<b>setDataDID</b> (java.lang.String newDataDID)
void	<b>setRoomId</b> (HTRoomId newRoomId)
void	<b>setVoiceDID</b> (java.lang.String newVoiceDID)

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) roomId

private HTRoomId **roomId**  
Room identifier.

(B) voiceDID

private java.lang.String **voiceDID**  
Voice direct in dial phone number.

(C) dataDID

private java.lang.String **dataDID**  
Data direct in dial phone number.

### Constructor Detail

(D) HTRoom

public **HTRoom()**  
Default constructor

(E) `getDataDID`

```
public java.lang.String getDataDID()
```

**Returns:**

java.lang.String

---

(F) `getRoomId`

```
public HTRoomId getRoomId()
```

**Returns:**

com.hoteltools.messages.HTRoomId

---

(G) `getVoiceDID`

```
public java.lang.String getVoiceDID()
```

**Returns:**

java.lang.String

---

(H) `setDataDID`

```
public void setDataDID(java.lang.String newDataDID)
```

**Parameters:**

newDataDID - java.lang.String

---

(I) `setRoomId`

```
public void setRoomId(HTRoomId newRoomId)
```

**Parameters:**

newRoomId - com.hoteltools.messages.HTRoomId

---

(J) `setVoiceDID`

```
public void setVoiceDID(java.lang.String newVoiceDID)
```

**Parameters:**

newVoiceDID - java.lang.String

---

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## com.hotelttools.messages

### Class HTRRoomId

```

java.lang.Object
|
+-com.hotelttools.messages.HTRRoomId
    
```

**public class HTRRoomId**  
 extends java.lang.Object  
 implements java.io.Serializable

An HTRRoomId uniquely identifies a room to all hotel devices.

**See Also:**

[Serialized Form](#)

Field Summary	
private short	<a href="#">phone</a> The room phone extension.
private java.lang.String	<a href="#">roomName</a> The room number (or name).

Constructor Summary	
<a href="#">HTRRoomId()</a>	

Method Summary	
short	<a href="#">getPhone()</a>
java.lang.String	<a href="#">getRoomName()</a>
void	<a href="#">setPhone(short newPhone)</a>
void	<a href="#">setRoomName(java.lang.String newRoomName)</a>

Methods inherited from class java.lang.Object
---



, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) `roomName`

private java.lang.String `roomName`  
The room number (or name).

(B) `phone`

private short `phone`  
The room phone extension.

### Constructor Detail

(C) `HTRoomId`

public `HTRoomId()`

### Method Detail

(D) `getPhone`

public short `getPhone()`  
**Returns:**  
short

(E) `getRoomName`

public java.lang.String `getRoomName()`  
**Returns:**  
java.lang.String

(F) `setPhone`

public void `setPhone`(short `newPhone`)  
**Parameters:**  
`newPhone` - short

(G) `setRoomName`

public void `setRoomName`(java.lang.String `newRoomName`)  
**Parameters:**  
`newRoomName` - java.lang.String

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## com.hoteltools.messages

### Class HTRoomMsg

```

java.lang.Object
|
+-com.hoteltools.messages.HTRoomMsg
    
```

public final class **HTRoomMsg**  
 extends java.lang.Object  
 implements java.io.Serializable

An HTRoomMsg contains a message that was left for the guest.

**See Also:**

[Serialized Form](#)

Field Summary	
private java.lang.String	<a href="#">accountName</a> The account number (or name) charged for the message.
private HTRoomMsgCaller	<a href="#">caller</a> Person who left the message.
private java.util.Date	<a href="#">created</a> Date message was left for the guest.
private short	<a href="#">id</a> Message identifier (unique for the room).
private boolean	<a href="#">read</a> Has the message been read?
private java.lang.String	<a href="#">recipient</a> Recipient of message.
private java.lang.String	<a href="#">text</a> Text of the message that was left.

## Constructor Summary

**HTRoomMsg()**

## Method Summary

java.lang.String **getAccountName**()

HTRoomMsgCaller **getCaller**()

java.util.Date **getCreated**()

short **getId**()

java.lang.String **getRecipient**()

java.lang.String **getText**()

boolean **isRead**()

void **setAccountName**(java.lang.String newAccountName)

void **setCaller**(HTRoomMsgCaller newCaller)

void **setCreated**(java.util.Date newCreated)

void **setId**(short newId)

void **setRead**(boolean newRead)

void **setRecipient**(java.lang.String newRecipient)

void **setText**(java.lang.String newText)

## Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

## Field Detail

(A) id

private short id

Message identifier (unique for the room).

(B) created

```
private java.util.Date created
    Date message was left for the guest.
```

---

(C) accountName

```
private java.lang.String accountName
    The account number (or name) charged for the message.
```

---

(D) recipient

```
private java.lang.String recipient
    Recipient of message.
```

---

(E) caller

```
private HTRoomMsgCaller caller
    Person who left the message.
```

---

(F) read

```
private boolean read
    Has the message been read?
```

---

(G) text

```
private java.lang.String text
    Text of the message that was left.
```

#### Constructor Detail

(H) HTRoomMsg

```
public HTRoomMsg()
```

#### Method Detail

(I) getAccountName

```
public java.lang.String getAccountName()
    Returns:
    java.lang.String
```

---

(J) getCaller

```
public HTRoomMsgCaller getCaller()
```

**Returns:**  
com.hoteltools.messages.HTRoomMsgCaller

---

(K) `getCreated`

---

public java.util.Date `getCreated()`

**Returns:**  
java.util.Date

---

(L) `getId`

---

public short `getId()`

**Returns:**  
short

---

(M) `getRecipient`

---

public java.lang.String `getRecipient()`

**Returns:**  
java.lang.String

---

(N) `getText`

---

public java.lang.String `getText()`

**Returns:**  
java.lang.String

---

(O) `isRead`

---

public boolean `isRead()`

**Returns:**  
boolean

---

(P) `setAccountName`

---

public void `setAccountName`(java.lang.String newAccountName)

**Parameters:**  
newAccountName - java.lang.String

---

(Q) `setCaller`

---

public void `setCaller`(HTRoomMsgCaller newCaller)

**Parameters:**  
newCaller - com.hoteltools.messages.HTRoomMsgCaller

---

(R) `setCreated`

---

public void **setCreated**(java.util.Date newCreated)

**Parameters:**

newCreated - java.util.Date

---

(S) [setId](#)

public void **setId**(short newId)

**Parameters:**

newId - short

---

(T) [setRead](#)

public void **setRead**(boolean newRead)

**Parameters:**

newRead - boolean

---

(U) [setRecipient](#)

public void **setRecipient**(java.lang.String newRecipient)

**Parameters:**

newRecipient - java.lang.String

---

(V) [setText](#)

public void **setText**(java.lang.String newText)

**Parameters:**

newText - java.lang.String

---

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---

Class HTRoomMsgCaller

```
java.lang.Object
|
+-com.hoteltools.messages.HTRoomMsgCaller
```

public class **HTRoomMsgCaller**

extends java.lang.Object

implements java.io.Serializable

An HTRoomMsgCaller is a person who leaves a message for a guest.

See Also:

[Serialized Form](#)

Field Summary	
private java.lang.String	<u>location</u> Location (or company) the caller was from.
private java.lang.String	<u>name</u> Person who left the message.
private java.lang.String	<u>phone</u> Phone number of the caller.

Constructor Summary	
<u>HTRoomMsgCaller</u> ()	

Method Summary	
java.lang.String	<u>getLocation</u> ()
java.lang.String	<u>getName</u> ()
java.lang.String	<u>getPhone</u> ()
void	<u>setLocation</u> (java.lang.String newLocation)
void	<u>setName</u> (java.lang.String newName)
void	<u>setPhone</u> (java.lang.String newPhone)

Methods inherited from class java.lang.Object	
, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait	

(A) name

```
private java.lang.String name
    Person who left the message.
```

(B) location

```
private java.lang.String location
    Location (or company) the caller was from.
```

(C) phone

```
private java.lang.String phone
    Phone number of the caller.
```

## Constructor Detail

### (D) HTRoomMsgCaller

```
public HTRoomMsgCaller()
```

## Method Detail

(E) getLocation

```
public java.lang.String getLocation()
```

**Returns:**  
java.lang.String

(F) getName

```
public java.lang.String getName()
```

**Returns:**  
java.lang.String

(G) getPhone

```
public java.lang.String getPhone()
```

**Returns:**  
java.lang.String

(H) setLocation

```
public void setLocation(java.lang.String newLocation)
```

**Parameters:**



newLocation - java.lang.String

---

(I) setName

public void setName(java.lang.String newName)

**Parameters:**

newName - java.lang.String

---

(J) setPhone

public void setPhone(java.lang.String newPhone)

**Parameters:**

newPhone - java.lang.String

---

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---

## com.hoteltools.messages

### Class HTRoomMsgType

java.lang.Object

|  
+-com.hoteltools.messages.HTRoomMsgType

---

public final class HTRoomMsgType

extends java.lang.Object

implements java.io.Serializable

An HTRoomMsgType indicates the type of Room Message.

**See Also:**

[Serialized Form](#)

---

Field Summary	
static int	<b>Fax</b> Fax is waiting for the guest (value = 3, converted to UHLL '2').
static int	<b>Mail</b> Mail or parcel is waiting for guest (value = 2, converted to UHLL '3').
static int	<b>Text</b> Text message (value = 1, converted to UHLL '1').
private int	<b>value</b> The room message type (use one of the static int's above).
static int	<b>Voice</b> Voice message (value = 0, converted to UHLL '0').

Constructor Summary	
HTRoomMsgType()	

Method Summary	
int	<b>getValue()</b>
void	<b>setValue(int newValue)</b>

Methods inherited from class java.lang.Object	
, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait	

Field Detail
--------------

(A) Voice

```
public static final int Voice
    Voice message (value = 0, converted to UHLL '0').
```

(B) Text

```
public static final int Text
    Text message (value = 1, converted to UHLL '1').
```

(C) Mail

```
public static final int Mail
    Mail or parcel is waiting for guest (value = 2, converted to UHLL '3').
```

(D) Fax

public static final int **Fax**

Fax is waiting for the guest (value = 3, converted to UHLL '2').

---

(E) value

private int **value**

The room message type (use one of the static int's above).

**Constructor Detail**

(F) HTRoomMsgType

public HTRoomMsgType()

**Method Detail**

(G) getValue

public int **getValue()**

**Returns:**

int

---

(H) setValue

public void **setValue**(int newValue)

**Parameters:**

newValue - int

---

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```
java.lang.Object
|
+-com.hoteltools.messages.HTRoomStatusType
```

public final class **HTRoomStatusType**  
extends java.lang.Object  
implements java.io.Serializable

An HTRoomStatusType is used to indicate the operational state of a room.

**See Also:**

Serialized Form

Field Summary	
static int	<u>Available</u> Room is available to check guest into (value = 0, converted to UHLL '1').
static int	<u>BeingCleaned</u> Room is being cleaned (value = 1, converted to UHLL '3').
static int	<u>InspectionFailed</u> Room inspection failed (value = 7, converted to UHLL '9')
static int	<u>InspectionPassed</u> Room inspection passed (value = 6, converted to UHLL '8')
static int	<u>NeedsCleaning</u> Room is dirty (value = 2, converted to UHLL '2').
static int	<u>NeedsInspection</u> Room needs to be inspected (value = 3, converted to UHLL '4').
static int	<u>NeedsPickup</u> Room needs to be picked-up (value = 5, converted to UHLL '7').
static int	<u>NeedsRepairs</u> Room needs repairs (value = 4, converted to UHLL '5').
static int	<u>SkippedCleaning</u> Room did not need cleaning (value = 8, converted to UHLL '10')
static int	<u>Unavailable</u> Room is unusable for other reasons (value = 9, converted to UHLL '6').
private value int	New status of the room (use one of the static int's above).

Constructor Summary	
HTRoomStatusType()	

Method Summary
----------------

int	<u>getValue</u> ()
void	<u>setValue</u> (int newValue)

### Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll,
registerNatives, toString, wait, wait, wait
```

### Field Detail

(A) Available

```
public static final int Available
```

Room is available to check guest into (value = 0, converted to UHLL '1').

(B) BeingCleaned

```
public static final int BeingCleaned
```

Room is being cleaned (value = 1, converted to UHLL '3').

(C) NeedsCleaning

```
public static final int NeedsCleaning
```

Room is dirty (value = 2, converted to UHLL '2').

(D) NeedsInspection

```
public static final int NeedsInspection
```

Room needs to be inspected (value = 3, converted to UHLL '4').

(E) NeedsRepairs

```
public static final int NeedsRepairs
```

Room needs repairs (value = 4, converted to UHLL '5').

(F) NeedsPickup

```
public static final int NeedsPickup
```

Room needs to be picked-up (value = 5, converted to UHLL '7').

(G) InspectionPassed

```
public static final int InspectionPassed
```

Room inspection passed (value = 6, converted to UHLL '8')

---

(H) InspectionFailed

public static final int **InspectionFailed**

Room inspection failed (value = 7, converted to UHLL '9')

---

(I) SkippedCleaning

public static final int **SkippedCleaning**

Room did not need cleaning (value = 8, converted to UHLL '10')

---

(J) Unavailable

public static final int **Unavailable**

Room is unusable for other reasons (value = 9, converted to UHLL '6').

---

(K) value

private int **value**

New status of the room (use one of the static int's above).

**Constructor Detail**

(L) HTRoomStatusType

public **HTRoomStatusType**()

**Method Detail**

(M) getValue

public int **getValue**()

**Returns:**

int

---

(N) setValue

public void **setValue**(int newValue)

**Parameters:**

newValue - int

---

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## com.hoteltools.messages

### Class HTRoomType

```
java.lang.Object
|
+-com.hoteltools.messages.HTRoomType
```

public final class **HTRoomType**

extends java.lang.Object

implements java.io.Serializable

An HTRoomType indicates the type of room.

#### See Also:

[Serialized Form](#)

#### Field Summary

static int	<b>Connected</b>	Connected rooms (value = 1, converted to UHLL '1').
static int	<b>GrandSuite</b>	Grand suite (value = 3, converted to UHLL '3').
static int	<b>Single</b>	Single room (value = 0, converted to UHLL '0').
static int	<b>Suite</b>	Suite (value = 2, converted to UHLL '2').
private int	<b>value</b>	The room type (use one of the static int's above).

#### Constructor Summary

**HTRoomType**()

#### Method Summary

int **getValue**()

void **setValue**(int newValue)

### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

### Field Detail

(A) **Single**

public static final int **Single**  
Single room (value = 0, converted to UHLL '0').

(B) **Connected**

public static final int **Connected**  
Connected rooms (value = 1, converted to UHLL '1').

(C) **Suite**

public static final int **Suite**  
Suite (value = 2, converted to UHLL '2').

(D) **GrandSuite**

public static final int **GrandSuite**  
Grand suite (value = 3, converted to UHLL '3').

(E) **value**

private int **value**  
The room type (use one of the static int's above).

### Constructor Detail

(F) **HTRoomType**

public **HTRoomType**()

### Method Detail

(G) **getValue**

public int **getValue**()  
**Returns:**  
int



(H) setValue

```
public void setValue(int newValue)
```

**Parameters:**

newValue - int

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**com.hoteltools.messages**

**Class HTZipCode**

java.lang.Object

|

+-com.hoteltools.messages.HTZipCode

```
public class HTZipCode
```

```
extends java.lang.Object
```

```
implements java.io.Serializable
```

Class to hold zip code objects.

**See Also:**

[Serialized Form](#)

**Field Summary**

private	<a href="#">code</a>	
int		Base zip code (5 digit).
private	<a href="#">plus</a>	
int		Plus-four part of zip code (0 if unused).

Constructor Summary	
<u>HTZipCode()</u>	

Constructor Summary	
<u>HTZipCode()</u>	

Method Summary	
int	<u>getCode</u> ()
int	<u>getPlus</u> ()
void	<u>setCode</u> (int newCode)
void	<u>setPlus</u> (int newPlus)

Method Summary	
int	<u>getCode</u> ()
int	<u>getPlus</u> ()
void	<u>setCode</u> (int newCode)
void	<u>setPlus</u> (int newPlus)

Method Summary	
int	<u>getCode</u> ()
int	<u>getPlus</u> ()
void	<u>setCode</u> (int newCode)
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Method Summary	
int	<u>getCode</u> ()
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void	<u>setPlus</u> (int newPlus)

Method Summary	
int	<u>getCode</u> ()
int	<u>getPlus</u> ()
void	<u>setCode</u> (int newCode)
void	<u>setPlus</u> (int newPlus)

<b>Methods inherited from class java.lang.Object</b>
clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

<b>Methods inherited from class java.lang.Object</b>
clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, toString, wait, wait, wait

Field Detail
--------------

Field Detail
--------------

```
private int code
    Base zip code (5 digit).
```

```
private int code
    Base zip code (5 digit).
```

```
private int code
    Base zip code (5 digit).
```

```
private int plus
    Plus-four part of zip code (0 if unused).
```

```
private int plus
    Plus-four part of zip code (0 if unused).
```

Constructor Detail	
--------------------	--

Constructor Detail	
--------------------	--

**Method Detail**

Method Detail
---------------

Method Detail
---------------

```
public int getCode()
    Returns:
    int
```

```
public int getCode()
    Returns:
    int
```

```
public int getCode()
    Returns:
    int
```

```
public int getCode()
    Returns:
    int
```

```
public int getPlus()
```

**Returns:**  
int

---

(F) `setCode`

public void **setCode**(int newCode)

**Parameters:**  
newCode - int

---

(G) `setPlus`

public void **setPlus**(int newPlus)

**Parameters:**  
newPlus - int

---

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## **com.hoteltools.messages**

### **Class HTPmsEventHandler.UnknownEventException**

```
java.lang.Object
|
+-java.lang.Throwable
    |
    +-java.lang.Exception
        +-
```

`com.hoteltools.messages.HTPmsEventHandler.UnknownEventException`

**Enclosing class:**

[HTPmsEventHandler](#)

---

public class **HTPmsEventHandler.UnknownEventException**

extends java.lang.Exception

See Also:

[Serialized Form](#)

#### Fields inherited from class java.lang.Throwable

backtrace, detailMessage, serialVersionUID

#### Constructor Summary

[HTPmsEventHandler.UnknownEventException\(\)](#)

#### Methods inherited from class java.lang.Throwable

fillInStackTrace, getLocalizedMessage, getMessage, printStackTrace, printStackTrace, printStackTrace, printStackTrace0, toString

#### Methods inherited from class java.lang.Object

, clone, equals, finalize, getClass, hashCode, notify, notifyAll, registerNatives, wait, wait, wait

#### Constructor Detail

(A) [HTPmsEventHandler.UnknownEventException](#)

```
public HTPmsEventHandler.UnknownEventException()
```

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